

since 1982



2020





Certificates



WARNING

1. Product pictures in the catalogue cannot be used or published without our knowledge and written consent.
2. All electrical values given are rated values. Luminous flux and connected electrical load are subject to an initial tolerance of +/- 10%. Tolerance of colour temperature: +/-150 K. Unless stated otherwise, the values apply to an ambient temperature of 25°C.
3. İkizler Lighting has the right to make changes or cancellations on the products without notification. Updated information on the products can be received from our web site.
4. Products are separated as 'indoor' and 'outdoor' lighting in the catalogue. Indoor lighting products must not be used for outdoor areas.



About Us

Ikizler Lighting, with over 40 years of experience in Lighting industry, carries its operations and investments to the 21th century in regards to human and nature oriented lighting.

Production facilities, located in Sakarya 3rd Industrial Zone and built on 15.000 square meters, covers automated manufacturing lines & Lighting laboratory and R&D center, where design and certification studies are being held.

The company has ISO 9001, ISO 14001 (Environmental Management Systems) and ISO 45001 (Occupational Health & Safety) certificates to support company's utmost focus on satisfaction for both customers and employees.

Ikizler Lighting follows the Total Quality Management System to ensure an unconditional customer satisfaction and supports this by TUV Germany approved ENEC and T.S.E. (Turkish Standards Institute) certifications for the products.

Ikizler builds its sustainable growth strategy on design and improvement of energy efficient LED products, and gives maximum concentration on R&D activities. Ideal light is attained with the optimal energy consumption by using optical design and simulation programs during design process.

R&D, production and sales forces are teamed by experienced engineers to provide full technical support to customers.

Our Vision

Provide sustainable growth and brand awareness in local & international lighting industry.

Our Mission

- Increasing our share in global market;
- Becoming a Solution partner for our customers;
- Developing innovative, environment-friendly and energy efficient products;
- Investing in technology and design;
- Building the systems to satisfy customer requirements and demands at maximum level;
- Supplying continuous training, improvement and motivation for employees;
- Integrating digitalization to all our units and products.



Awards



2019
Superior
Design Award



2010
Good Design Award



2014
Good Design Award



2018
Good Design Award



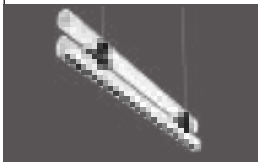
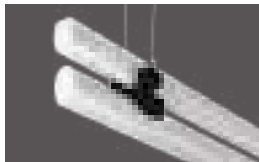
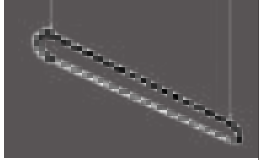
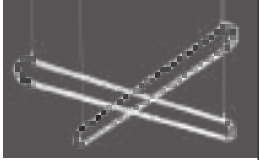
2019
Good Design Award



reddot award 2015
winner lighting design

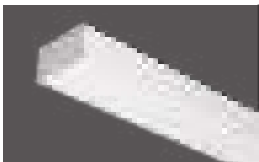
1

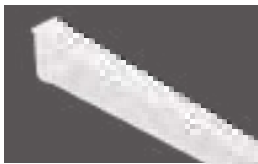
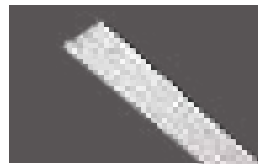
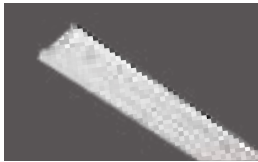
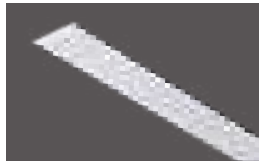
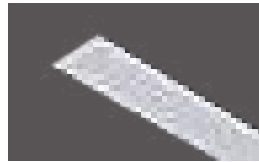
PENDANT LIGHTING

				
NEST DUO-R P.14	NEST DUO-D P.17	NEST-R P.18	NEST-D P.19	NORD-D P.20
				
NORD-R P.23	ZEN P.24	U-LINE 01131 P.26	U-LINE 01135 P.29	U-LINE 01132 P.30
				
U-LINE 01136 P.32	DUET-P P.35	GRUS GAMMA P.37	ECLIPSE P.39	ORION SAIF P.41
				
STYLE-P 1230 P.42	STYLE-P 1209 P.43	DARKLINE 1200 P.44	CORVUS INN P.45	ANGEL 1200 P.46
				
ANGEL 0900 P.49	ANGEL 0600 P.50	TURN SQUARE 0900 P.52	TURN SQUARE 1200 P.53	

2

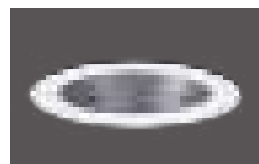
LINEAR LIGHTING

				
LIGHTLINE-045 P.56	LIGHTLINE-058 P.58	LIGHTLINE MC-058 P.61	LIGHTLINE-150 P.62	WATERLINE P.64

				
SPEEDLINE P.65	RUNNING P.67	RUNNING P.68	RUNNING P.70	RUNNING P.70
				
RUNNING P.70	LIGHTLINE-075 P.73	LIGHTLINE-046 P.74		

DOWNLIGHT LIGHTING

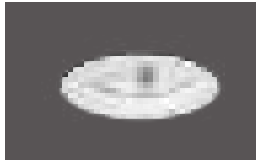
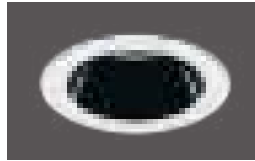
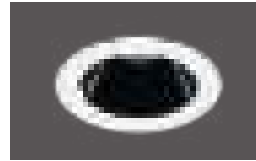
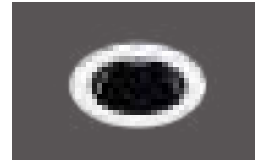
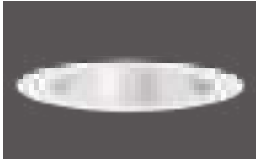
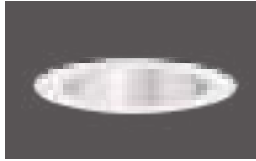
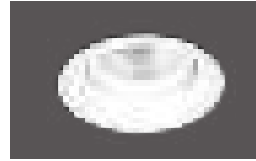
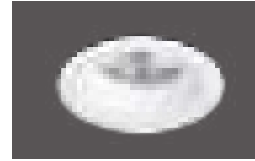
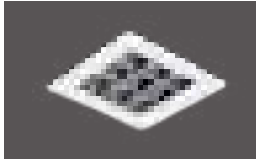
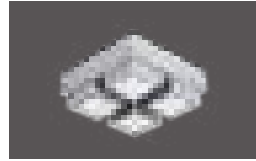
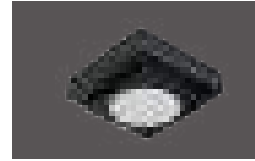
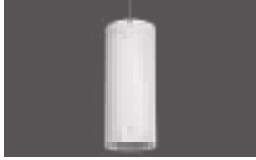
3

				
LUNA-023 P.79	LUNA-019 P.80	LUNA-IP65 P.82	SNOW-023 P.84	SNOW-017 P.85
				
SNOW-014 P.85	SLOT-023 P.86	SLOT-019 P.87	VIVID P.88	CANVAS P.91
				
LUNA-T P.92	CANVAS-T P.93			

SPOT LIGHTING

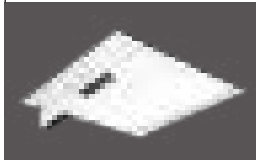
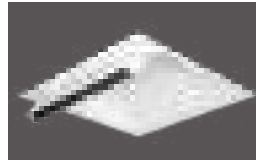
4

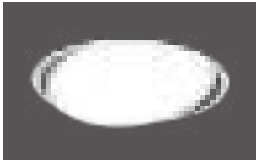
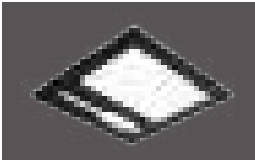
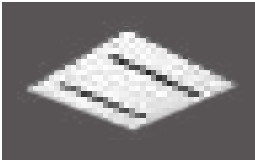
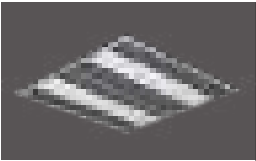
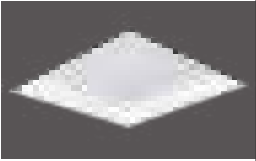
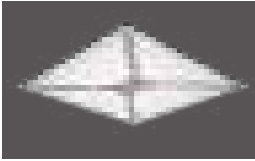
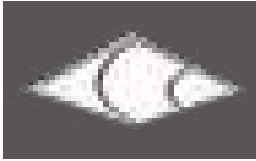
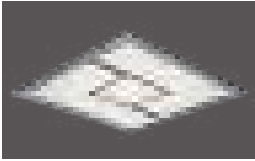
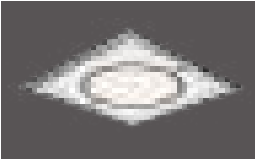
				
YUWI P.96	DUET-R P.98	DUET-T P.99	MODUS DC P.101	MODUS P.102
				
MODUSBOX P.103	SPARROW P.104	DRAGON P.106	ADELLA K1 P.108	ADELLA K2 P.109

				
STAR P.110	STAR MINI P.111	DARKPIT-140 P.112	DARKPIT-118 P.113	DARKPIT-090 P.113
				
SILVERPIT-140 P.114	SILVERPIT-118 P.115	SILVERPIT-090 P.115	FOSTERi P.117	CELL P.118
				
DROP P.120	MINO P.122	HOLLOW P.125	STYLED P.126	STYLED-W P.127
				
JEWEL P.128	JEWELMINI P.129	TETRAD 085 P.130	TETRAD 060 P.132	TETRAD 140 P.135
				
MODUS-T P.136	MODUS-S P.137			

5

RECESSED LIGHTING

				
DUET SHORT P.140	DUET LONG P.142	NOON MAXI P.144	NOON MIDI P.146	NOON MINI P.147
				
CORVUS-G 1200 P.148	CORVUS-G 900 P.149	CORVUS-G 600 P.149	CORVUS-G 500 P.151	CORVUS-G 380 P.151

				
ROLLING P.152	ORION P.153	DARKLINE P.154	SILVERLINE P.155	GLARE-G P.156
				
PART-G P.157	DOME-G P.158	SECTION P.160	COMFORT-G P.161	BALIO-G P.162
				
TIE-G P.163	BRAID P.164	SPIDER P.165	ASTRAL P.166	CROSS P.167
				
RING P.168	TWIG P.169	TETR'S-G P.170	ROUND P.171	FULLMOON P.172
				
STELA P.173	LEAF P.174	GRUS SIGMA P.175	FLAT-G 600 P.176	FLAT-G 1230 P.179
				
FLAT-G 300 P.180	FLAT-C 600 P.182	FLAT-C 300 P.183		

SURFACE LIGHTING

6

				
CORVUS-T 1200 P.186	CORVUS-T 900 P.187	CORVUS-T 600 P.187	CORVUS-T 500 P.189	CORVUS-T 380 P.189



GUIDE P.190



TETR's-T P.192



DOME-T P.193



TIE-T P.194



PART-T P.195



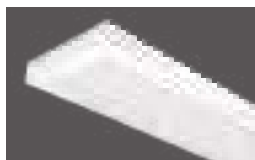
STYLE-600 P.196



STYLE-1200 P.197



FLAT-T 600 P.198



FLAT-T 1230 P.199



FLAT-T 300 P.200



GLARE-T P.201



ORION ALNITAK P.202

7

WALL LUMINAIRES



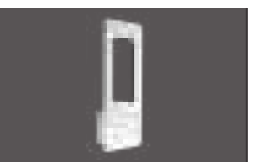
MIRROLINE P.206



FINE P.207



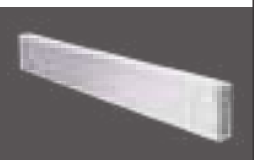
WIDE P.209



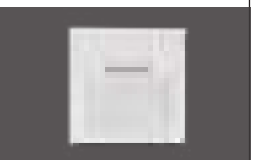
CALM P.210



REED P.211



COMET P.212



MARK P.213

8 COVE LIGHTING



SINUS P.216



SPACE P.218

9

STERILE ROOM LIGHTING



SHIELD-G 600 P.222



SHIELD-G 1200 P.224



EVEN-G 600 P.226



EVEN-G 1200 P.227



WINK-G P.228



SHIELD-T P.229

INDUSTRIAL LIGHTING

10



SUMBA P.233



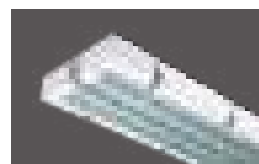
MINSU P.234



PROOF P.235



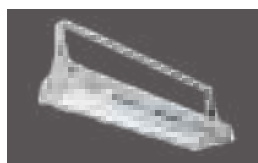
DOVE P.236



RISING P.238



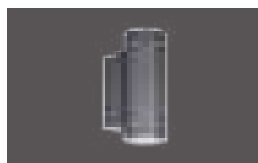
GETTO P.240



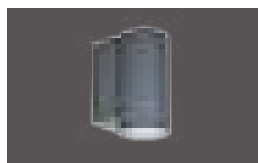
POTENT P.243

OUTDOOR LIGHTING

11



BEAM-D P.246



BEAM-S P.247



BEAM-T P.248



PLATE P.249



EDGE P.250



SUNNY P.252



SUNNY-R P.253



ANEMON P.254

EMERGENCY EXIT SIGN LUMINAIRE

12



ESCAPE P.258



RUN P.259



FREE P.260



SHEER P.262



VITAL P.263



APLED P.264

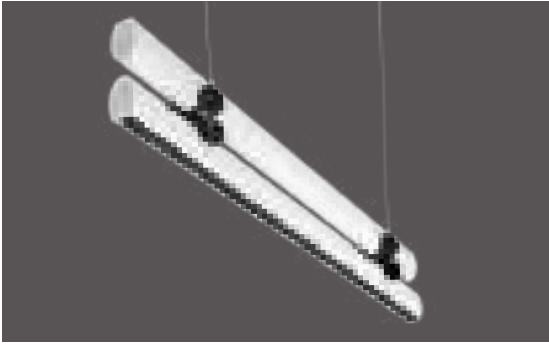


CICALA P.265

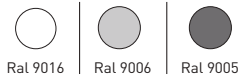


1 | PENDANT LIGHTING

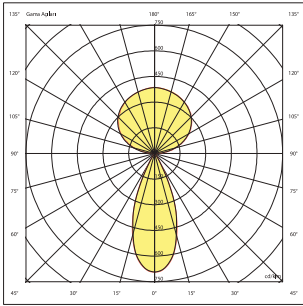
NEST DUO-R



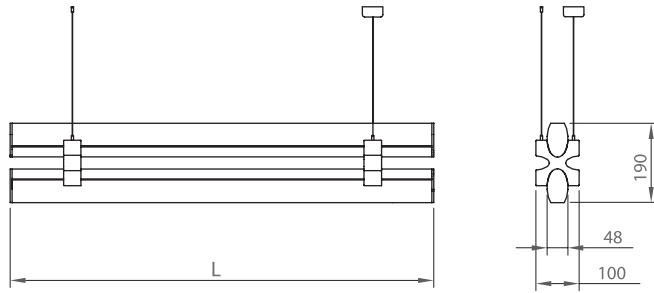
Color Options



Joint Piece



Housing	Extruded aluminum profile with electrostatic coating
Reflector	Direct: Highly efficient, aluminum coated, vacuumed PC reflector and deglaring (UGR < 17) Indirect: Opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali



Order Code	W	Lm	CCT	Beam Angle	CRI	L (mm)	Kg
01190.11.30.053	51	5390	3000	36°	Ra>80	1130	3,2
01190.11.30.068	60	6860	3000	36°	Ra>80	1440	4,1
01190.11.40.057	51	5700	4000	36°	Ra>80	1130	3,2
01190.11.40.072	60	7270	4000	36°	Ra>80	1440	4,1

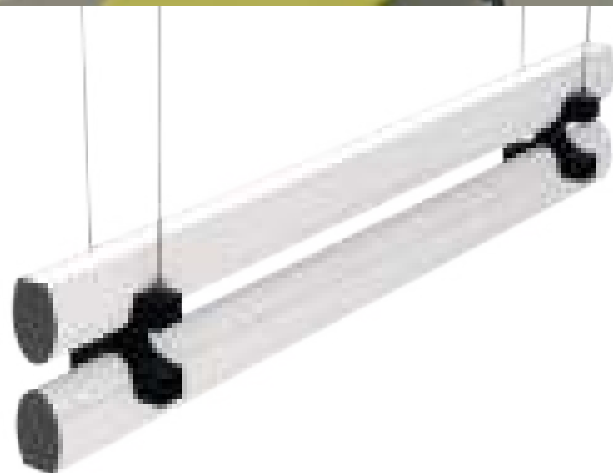


Nest LED profile design is inspired by the joint piece that creates a bold color texture while connecting two profiles. Nest took its name after this joint piece that plays a role as a nest to two profiles.

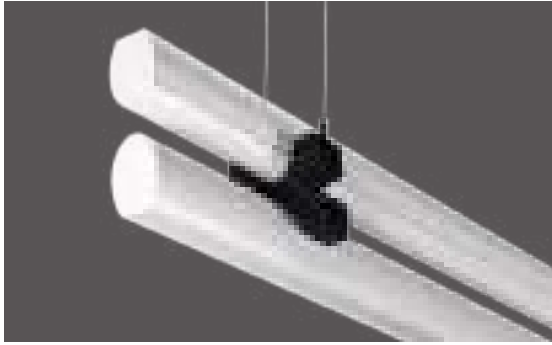


2018
Good Design Award

Design: Omlet İstanbul Design Office



NEST DUO-D

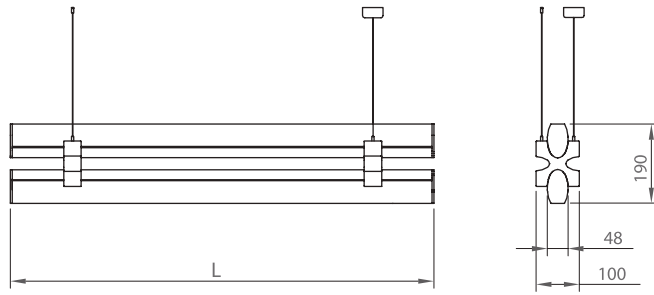
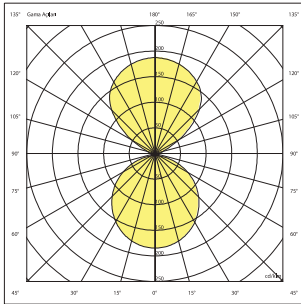
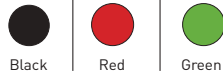


Housing	Extruded aluminum profile with electrostatic coating
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali

Color Options

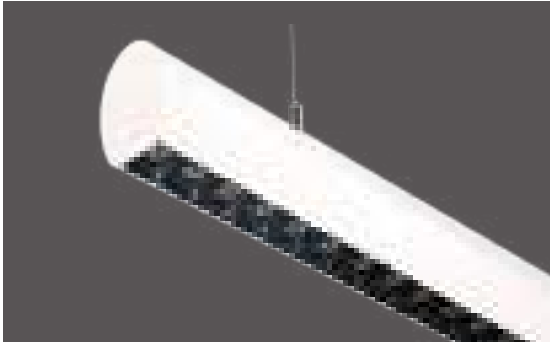


Joint Piece



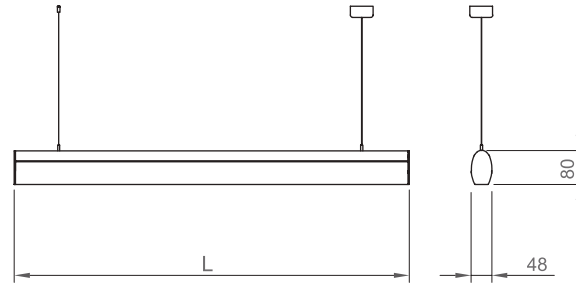
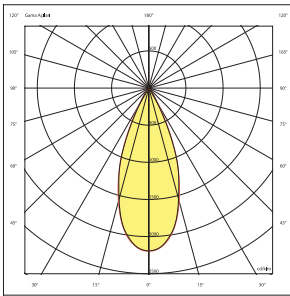
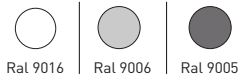
Order Code	W	Lm	CCT	CRI	L (mm)	Kg
01190.11.30.049	51	4900	3000	Ra>80	1145	3,2
01190.11.30.057	60	5700	3000	Ra>80	1425	4,1
01190.11.40.052	51	5200	4000	Ra>80	1145	3,2
01190.11.40.060	60	6050	4000	Ra>80	1425	4,1

NEST-R



Housing	Extruded aluminum profile with electrostatic coating
Reflector	Highly efficient, aluminum coated, vacuumed PC reflector and deglaring (UGR < 17)
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali

Color Options



Order Code	W	Lm	CCT	Beam Angle	CRI	L (mm)	Kg
01187.47.30.034	32	3500	3000	36°	Ra>80	1125	1,8
01187.47.30.044	41	4500	3000	36°	Ra>80	1440	2,3
01187.47.40.037	32	3700	4000	36°	Ra>80	1125	1,8
01187.47.40.047	41	4750	4000	36°	Ra>80	1440	2,3

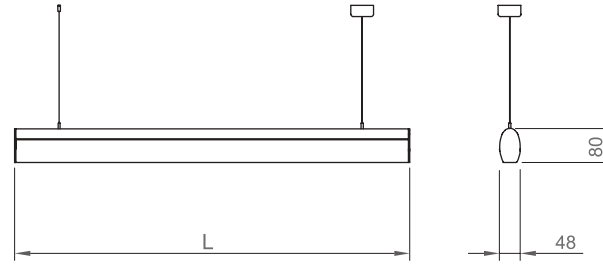
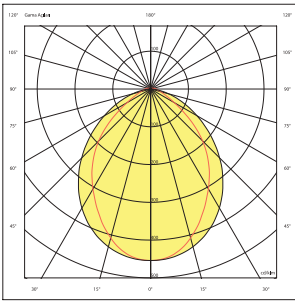
Design: Omlet İstanbul Design Office

For more updated information, please visit our website. www.ikizlerlighting.com



Housing	Extruded aluminum profile with electrostatic coating
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali

Color Options



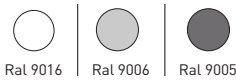
Order Code	W	Lm	CCT	CRI	L (mm)	Kg
01180.47.30.030	35	3000	3000	Ra>80	1145	1,8
01180.47.30.037	41	3760	3000	Ra>80	1425	2,3
01180.47.40.031	35	3200	4000	Ra>80	1145	1,8
01180.47.40.039	41	4000	4000	Ra>80	1425	2,3

Design: Omlet İstanbul Design Office

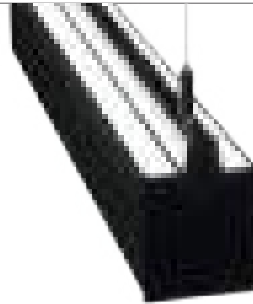
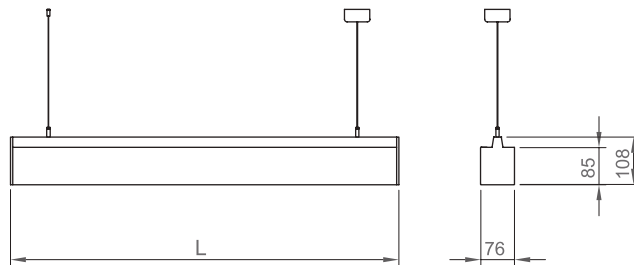
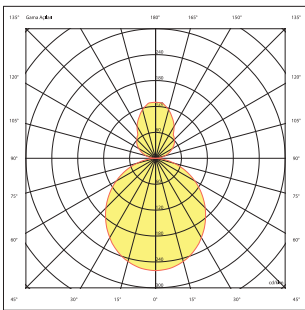
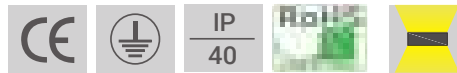
NORD-D



Color Options



Housing	Extruded aluminum profile with electrostatic coating
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Order Code	W	Lm	CCT	CRI	L (mm)	Kg
01181.71.30.036	38	3650	3000	Ra>80	1145	3,2
01181.71.30.045	48	4520	3000	Ra>80	1425	4,0
01181.71.40.038	38	3830	4000	Ra>80	1145	3,2
01181.71.40.047	48	4780	4000	Ra>80	1425	4,0

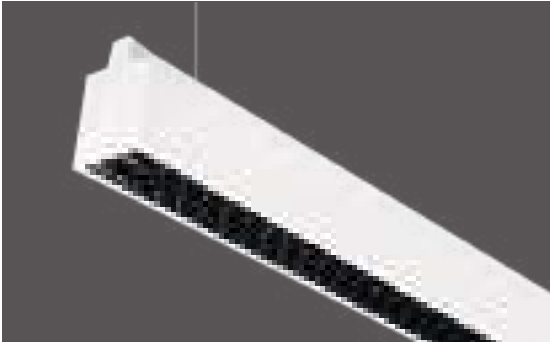


Nord is a minimalistic and elegant direct-indirect lighting fixture. The followed principle in design is to get maximum efficiency while creating minimum niche on profile contours.

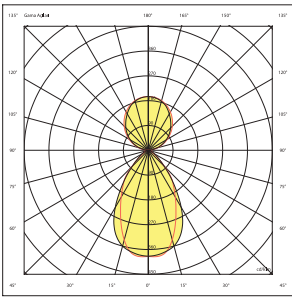
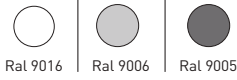
Product Design: Omlet İstanbul Design Office



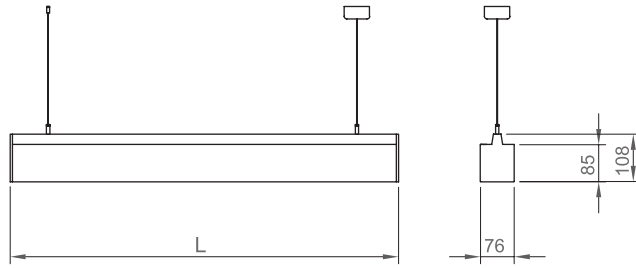
Product Design: Omlet İstanbul Design Office



Color Options



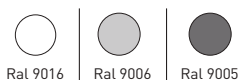
Housing	Extruded aluminum profile with electrostatic coating
Reflector	Direct: Highly efficient, aluminum coated, vacuumed PC reflector and deglaring (UGR<17) Indirect: Opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



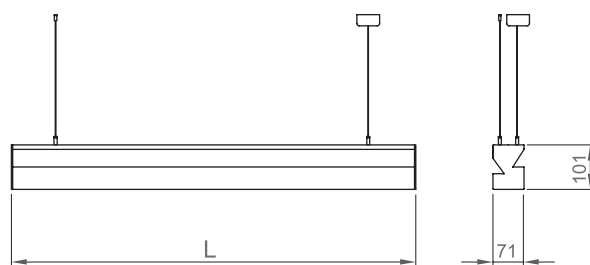
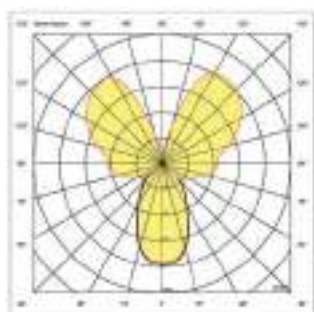
Order Code	W	Lm	CCT	Beam Angle	CRI	L (mm)	Kg
01181.71.30.060	56	6040	3000	36°	Ra>80	1125	3,2
01181.71.30.081	72	8170	3000	36°	Ra>80	1440	4,0
01181.71.40.064	56	6400	4000	36°	Ra>80	1125	3,2
01181.71.40.086	72	8600	4000	36°	Ra>80	1440	4,0



Color Options



Housing	Extruded aluminum profile with electrostatic coating
Diffuser	Direct: Acrylic optic lens, Indirect: Opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit

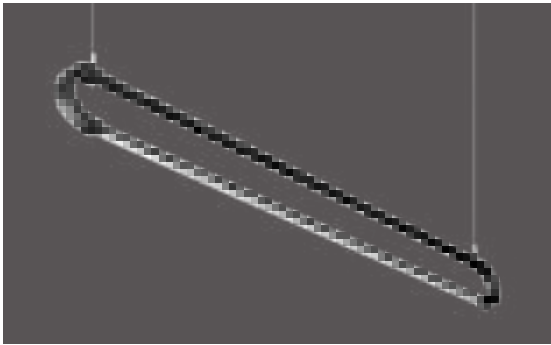


Order Code	W	Lm	CCT	CRI	L (mm)	Kg
01184.71.30.075	61	7570	3000	Ra>80	1260	4,2
01184.71.30.091	75	9160	3000	Ra>80	1510	5,1
01184.71.40.080	61	8020	4000	Ra>80	1260	4,2
01184.71.40.097	75	9700	4000	Ra>80	1510	5,1



Zen, designed with a minimalistic approach, brings out excitement from its Z form seen from the sides. This asymmetric profile design lets the light in different angles and creates an elegant & naive visual asymmetry.

U-LINE 01131



Color Options



Ral 9016

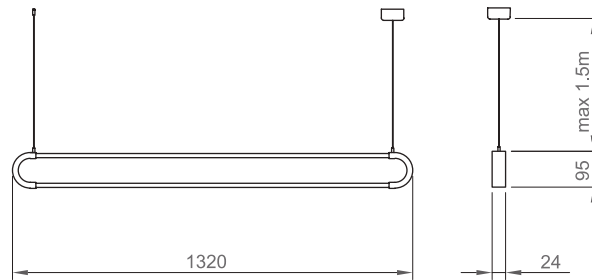
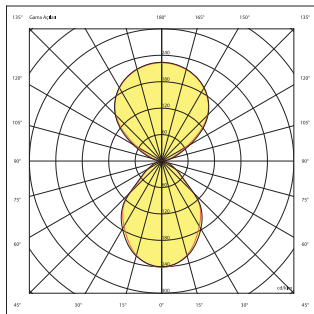


Ral 9006



Ral 9005

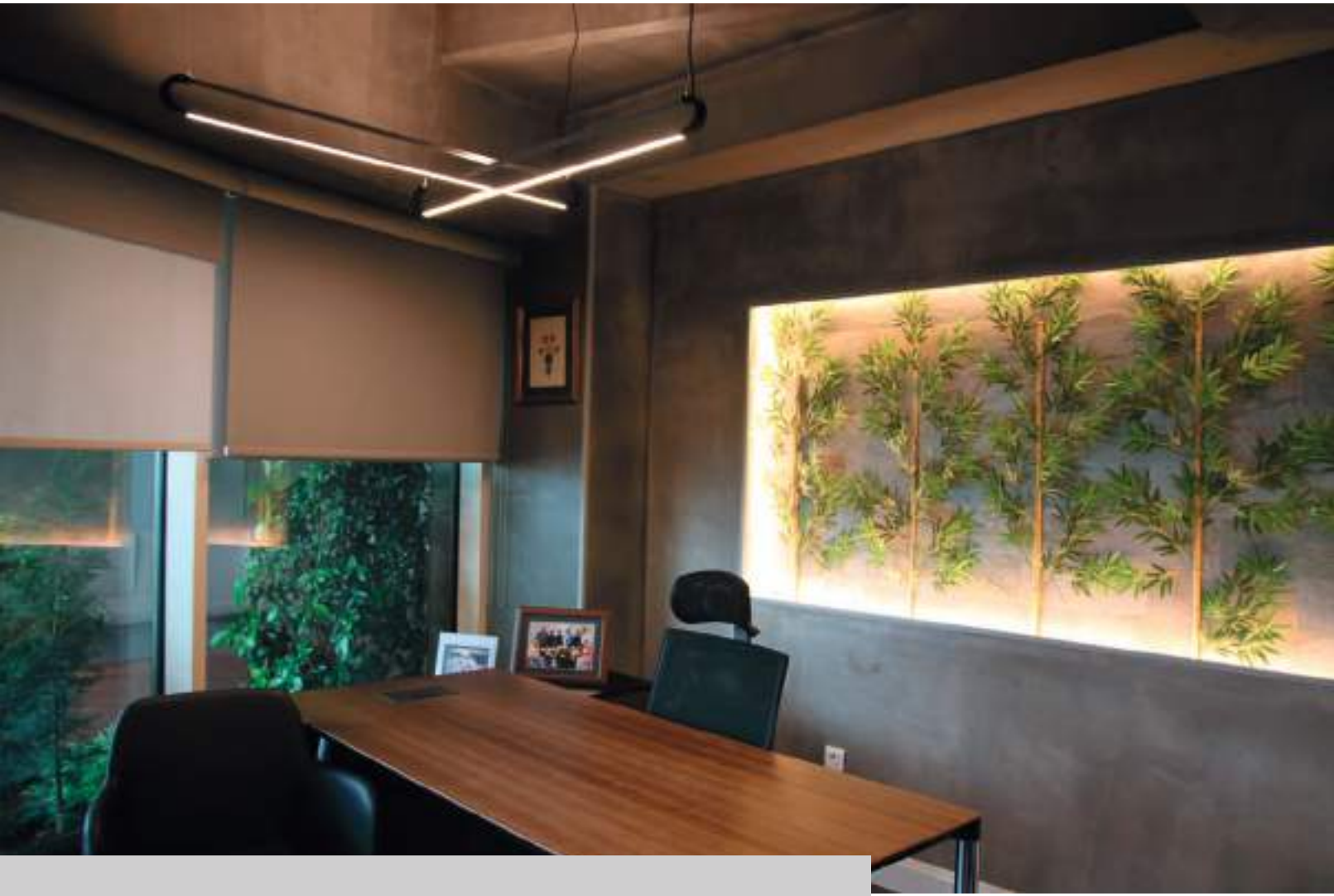
Housing	Aluminum profile
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali



Order Code	W	Lm	CCT	CRI	Kg
01131.13.30.035	36	3500	3000	Ra>80	1,4
01131.13.40.036	36	3600	4000	Ra>80	1,4



Design: Omlet İstanbul Design Office



U-Line is produced from recyclable extruded aluminium profile and attracts attention with its slim structure. It takes advantage from LED that is highly energy efficient and has a long economic lifetime. U-Line can be applied to offices, meeting rooms, malls and many other areas. U-Line provides distinct visual designs when combined with different joint brackets.

U-LINE has received Good Design Award in Designturkey 2014 and Worldwide prestigious '2015 Red Dot Design Award'.

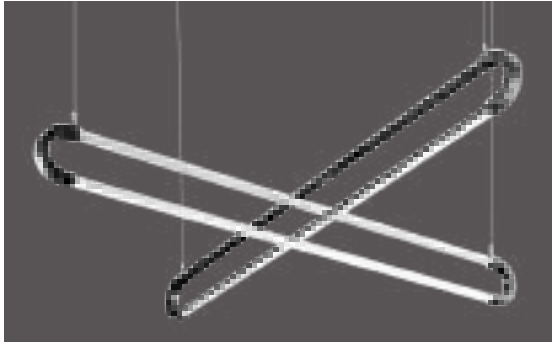
Design: Omlet İstanbul Design Office



2014
Good Design Award



reddot award 2015
winner lighting design


Color Options


Ral 9016

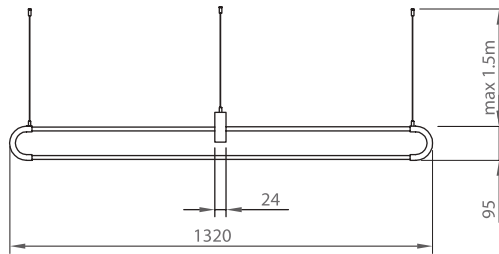
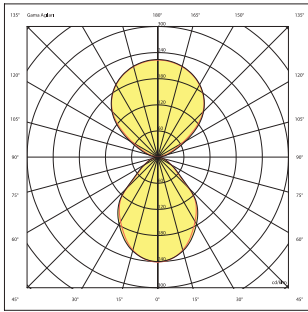


Ral 9006



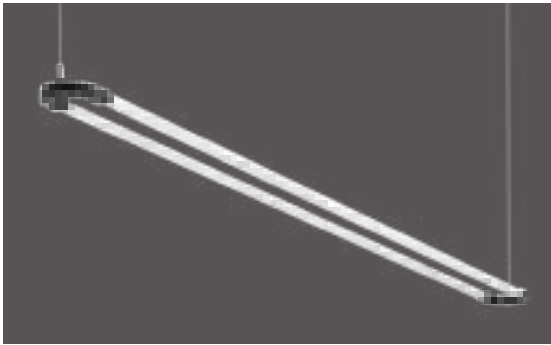
Ral 9005

Housing	Aluminum profile
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali

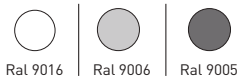


Order Code	W	Lm	CCT	CRI	Kg
01135.13.30.070	72	7000	3000	Ra>80	2,8
01135.13.40.072	72	7200	4000	Ra>80	2,8

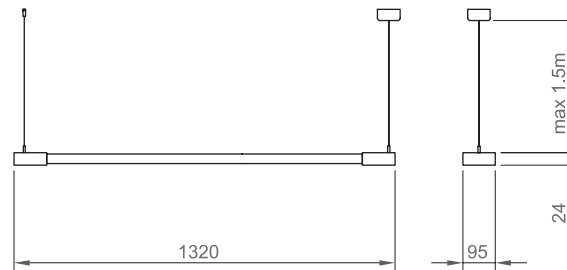
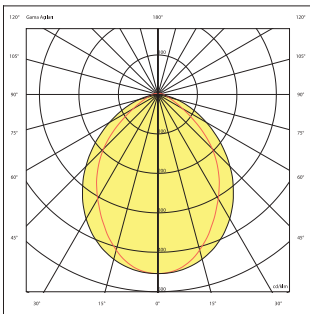
U-LINE 01132



Color Options



Housing	Aluminum profile
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali

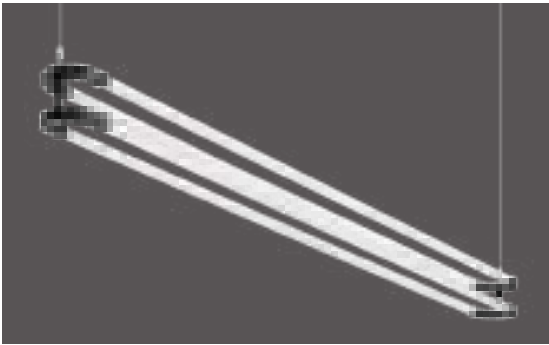


Order Code	W	Lm	CCT	CRI	Kg
01132.13.30.035	36	3500	3000	Ra>80	1,4
01132.13.40.036	36	3600	4000	Ra>80	1,4

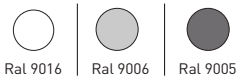


Design: Omlet İstanbul Design Office

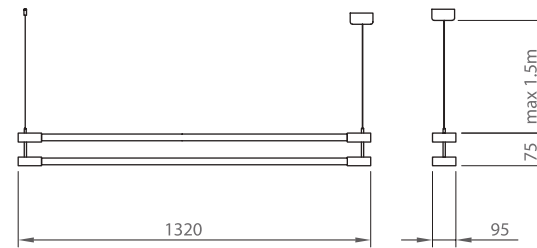
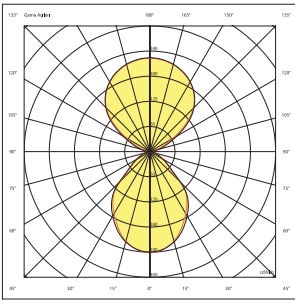
U-LINE 01136



Color Options



Housing	Aluminum profile
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali

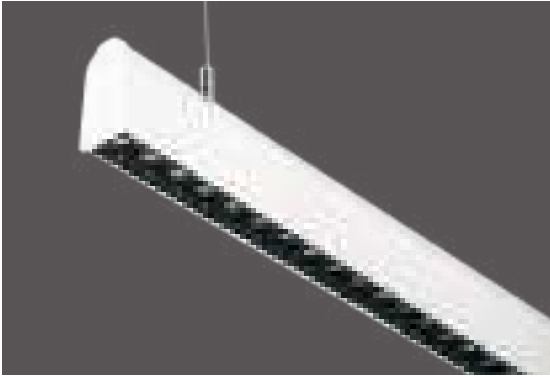


Order Code	W	Lm	CCT	CRI	Kg
01136.13.30.070	72	7000	3000	Ra>80	2,8
01136.13.40.072	72	7200	4000	Ra>80	2,8



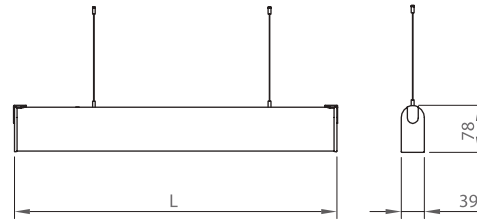
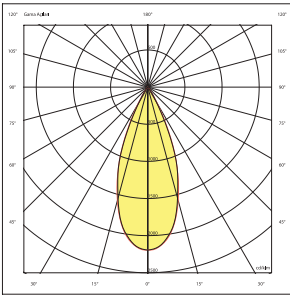
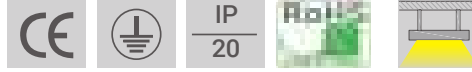
Design: Omlet İstanbul Design Office





Housing	Extruded aluminum profile with electrostatic coating
Reflector	Highly efficient, aluminum coated, vacuumed PC reflector and deglaring (UGR<17)
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit

Color Options



Order Code	W	Lm	CCT	Açı	CRI	L (mm)	Kg
01181.37.30.024	22	2400	3000	36°	Ra>80	1225	3,6
01181.37.30.036	34	3660	3000	36°	Ra>80	1495	4,4
01181.37.40.025	22	2540	4000	36°	Ra>80	1225	3,6
01181.37.40.038	34	3880	4000	36°	Ra>80	1495	4,4

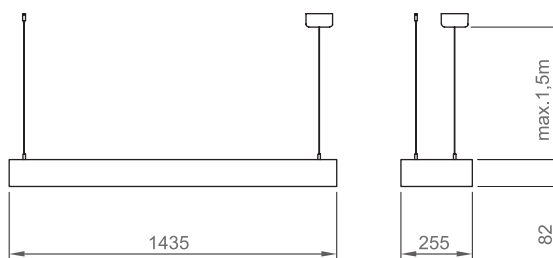
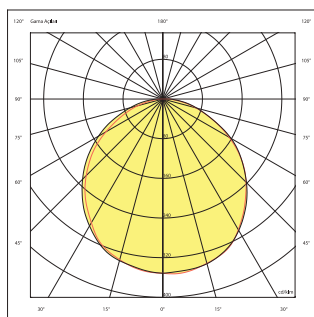
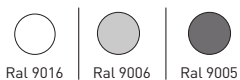


GRUS GAMMA



Housing	Extruded aluminum profile with electrostatic coating
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit

Color Options



Order Code	W	Lm	CCT	CRI	Kg
06114.14.30.049	54	4900	3000	Ra>80	3,0
06114.14.40.051	54	5100	4000	Ra>80	3,0



Eclipse is a design product to combine flexibility by its adjustable function and efficiency with the high lumen output.

Design: Omlet İstanbul Design Office

ECLIPSE

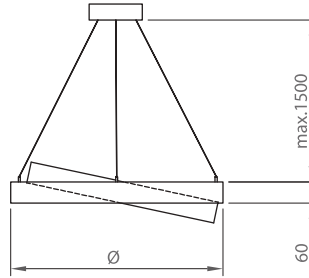
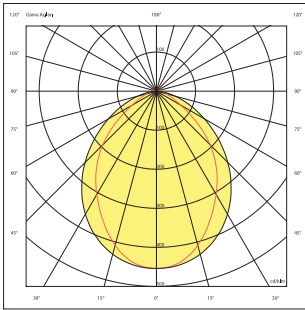


**Color
Options**



Ral 9005

Housing	Electrostatic coated steel sheet
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali



Order Code	W	Lm	CCT	CRI	L (mm)	Kg
03170.60.30.056	55	5600	3000	Ra>80	Ø600	8,0
03170.90.30.091	90	9000	3000	Ra>80	Ø900	12
03170.60.40.058	55	5800	4000	Ra>80	Ø600	8,0
03170.90.40.096	90	9600	4000	Ra>80	Ø900	12



Orion pendant offers variety of diffuser options to be coherent with its surrounding, and it is designed as a product that can fit in many different environments.

Design: Omlet İstanbul Design Office



Color Options



Ral 9016

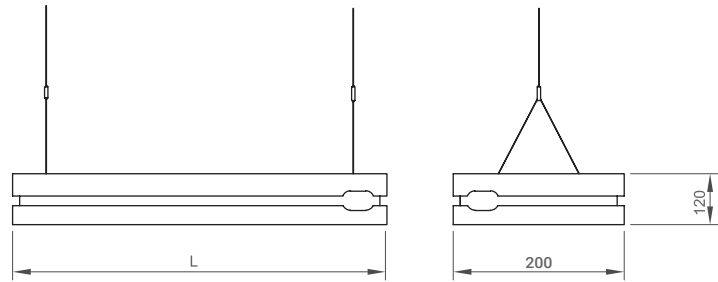
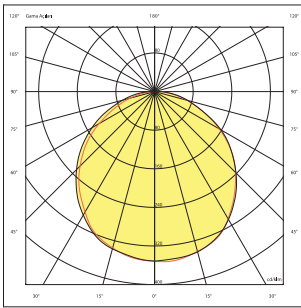


Ral 9006



Ral 9005

Housing	Extruded aluminum profile with electrostatic coating
Diffuser	Highly transmissive opal diffuser
Light Source	MacAdam Step-3 high efficacy Mid Power LED with lifetime L70 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Order Code	W	Lm	CCT	CRI	L (mm)	Kg
01117.21.30.039	46	4000	3000	Ra>80	1180	4,8
01117.21.40.041	46	4200	4000	Ra>80	1180	4,8

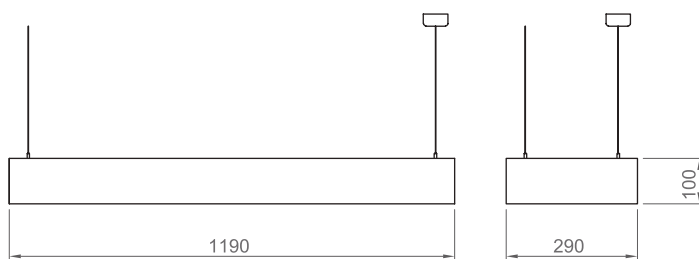
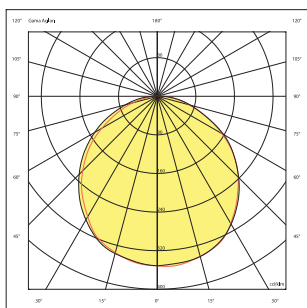
STYLE-P 1230



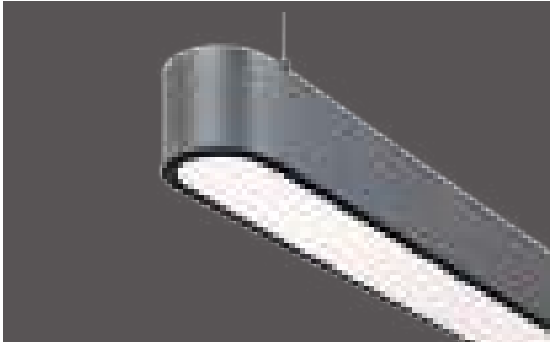
Color Options



Housing	Extruded aluminum profile with electrostatic coating
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Order Code	W	Lm	CCT	CRI	Kg
03137.31.30.032	31	3200	3000	Ra>80	4,2
03137.31.40.033	31	3300	4000	Ra>80	4,2


Color Options


Ral 9016

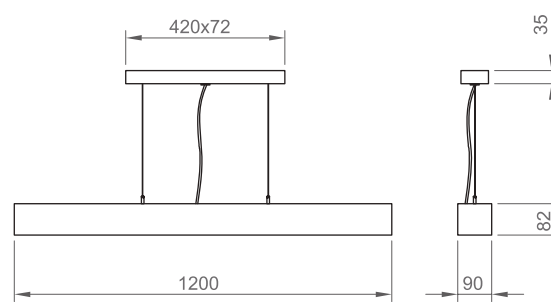
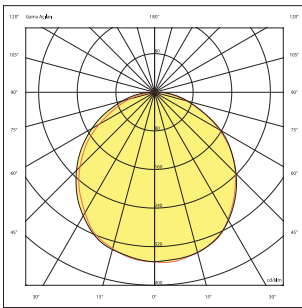


Ral 9006



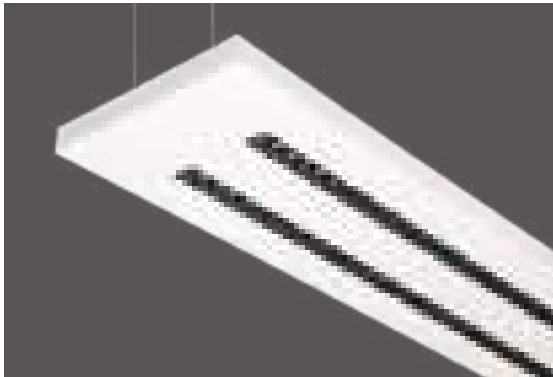
Ral 9005

Housing	Extruded aluminum profile with electrostatic coating
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, P _f >0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit

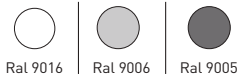


Order Code	W	Lm	CCT	CRI	Kg
03137.91.30.034	41	3470	3000	Ra>80	4,2
03137.91.40.036	41	3670	4000	Ra>80	4,2

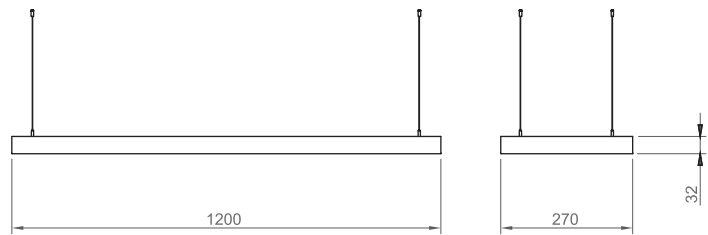
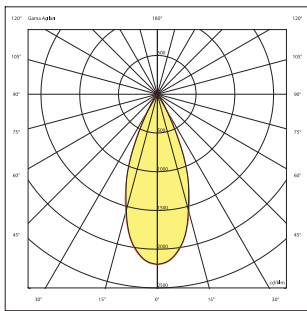
DARKLINE 1200



Color Options



Housing	Extruded aluminum profile with electrostatic coating
Reflector	Highly efficient, aluminum coated, vacuumed PC reflector and deglaring (UGR<17)
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit

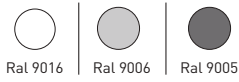


Order Code	W	Lm	Beam Angle	CCT	CRI	Kg
02173.31.30.034	31	3420	36°	3000	Ra>80	5,3
02173.31.40.036	31	3630	36°	4000	Ra>80	5,3

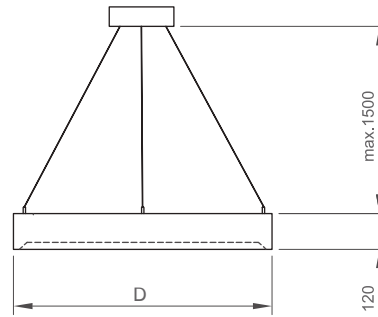
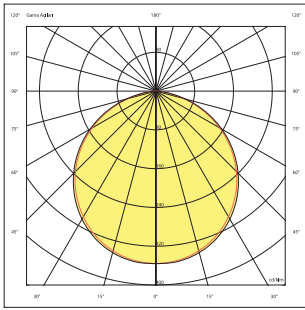
CORVUS INN



Color Options



Housing	Extruded aluminum profile with electrostatic coating
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali



Order Code	W	Lm	CCT	CRI	D	Kg
03170.60.30.018	19	1850	3000	Ra>80	Ø400	2,7
03170.60.30.030	38	3670	4000	Ra>80	Ø600	4,0
03170.60.40.019	19	1950	3000	Ra>80	Ø400	2,7
03170.60.40.040	38	3900	4000	Ra>80	Ø600	4,0

ANGEL 1200



Color Options



Ral 9016

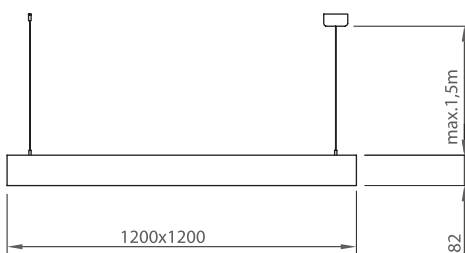
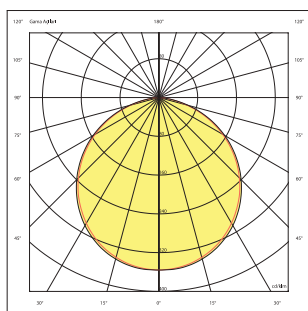


Ral 9006



Ral 9005

Housing	Extruded aluminum profile with electrostatic coating
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali



Order Code	W	Lm	CCT	CRI	Kg
01140.12.30.057	60	5760	3000	Ra>80	6,0
01140.12.30.102	120	10270	3000	Ra>80	6,0
01140.12.40.061	60	6100	4000	Ra>80	6,0
01140.12.40.108	120	10870	4000	Ra>80	6,0





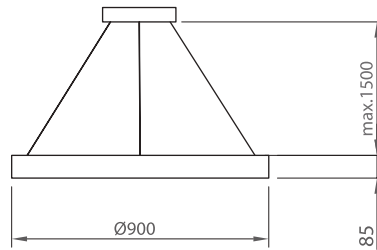
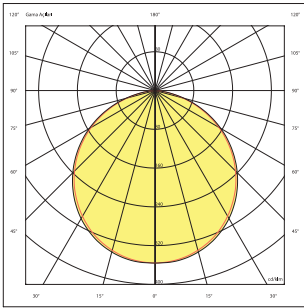

Color Options


Ral 9016

Ral 9006

Ral 9005

Housing	Extruded aluminum profile with electrostatic coating
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali



Order Code	W	Lm	CCT	CRI	Kg
01140.90.30.055	60	5560	3000	Ra>80	4,5
01140.90.30.077	90	7700	3000	Ra>80	4,5
01140.90.40.058	60	5900	4000	Ra>80	4,5
01140.90.40.081	90	8150	4000	Ra>80	4,5

ANGEL 0600



Color Options



Ral 9016

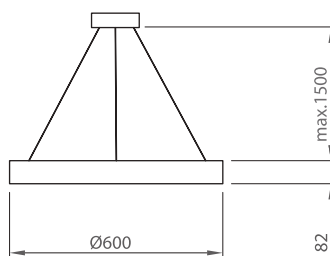
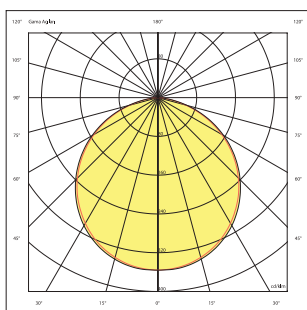


Ral 9006



Ral 9005

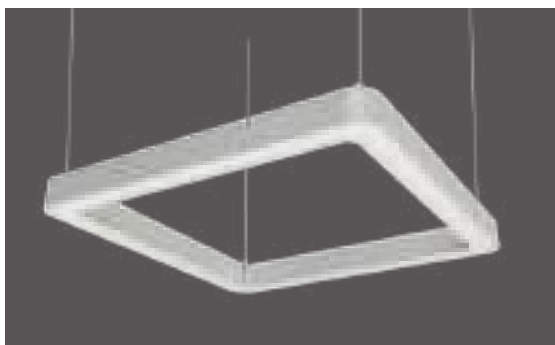
Housing	Extruded aluminum profile with electrostatic coating
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali



Order Code	W	Lm	CCT	CRI	Kg
01140.60.30.037	40	3700	3000	Ra>80	3,0
01140.60.30.051	60	5130	3000	Ra>80	3,0
01140.60.40.039	40	3980	4000	Ra>80	3,0
01140.60.40.054	60	5430	4000	Ra>80	3,0



TURN SQUARE 0900



Color Options



Ral 9016

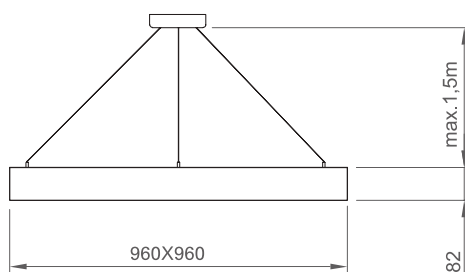
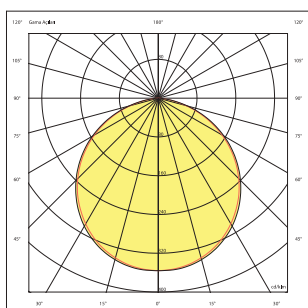


Ral 9006



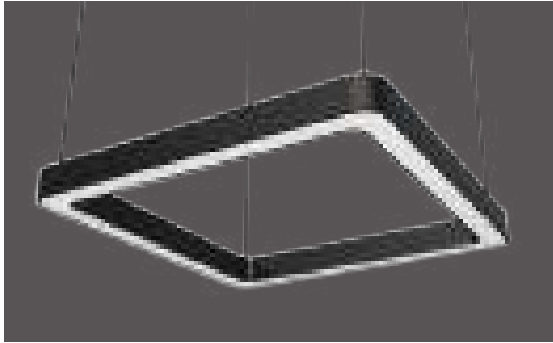
Ral 9005

Housing	Extruded aluminum profile with electrostatic coating
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali



Order Code	W	Lm	CCT	CRI	Kg
03138.99.30.074	80	7420	3000	Ra>80	5,3
03138.99.40.078	80	7850	4000	Ra>80	5,3

1200 TURN SQUARE



Color Options



Ral 9016

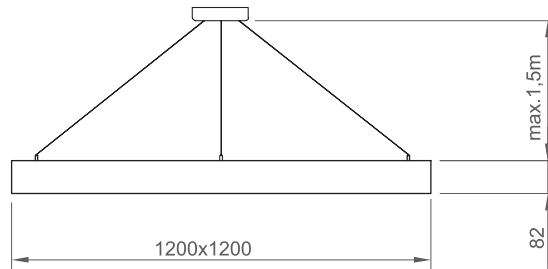
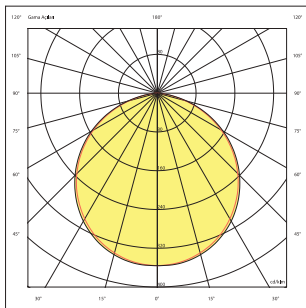


Ral 9006



Ral 9005

Housing	Extruded aluminum profile with electrostatic coating
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali

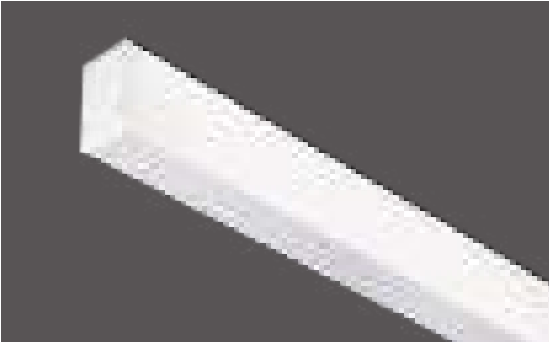


Order Code	W	Lm	CCT	CRI	Kg
03138.11.30.098	107	9900	3000	Ra>80	7,0
03138.11.40.104	107	10470	4000	Ra>80	7,0

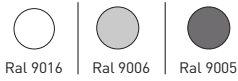


2 | LINEAR LIGHTING

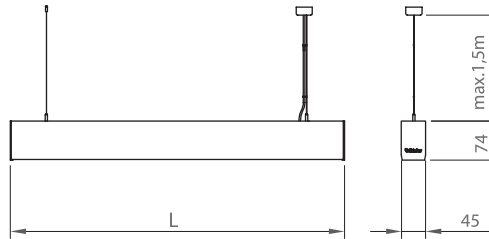
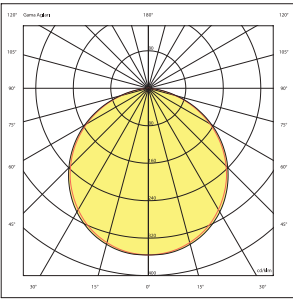
LIGHTLINE-045



Color Options



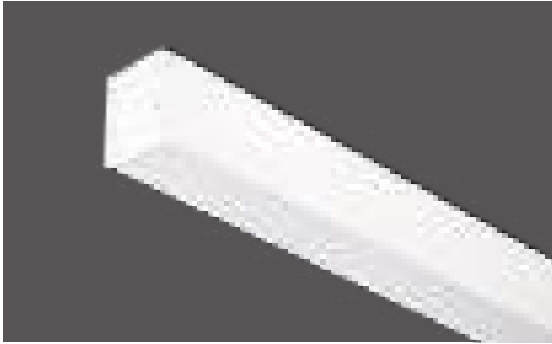
Housing	Extruded aluminum profile with electrostatic coating
Optics	Highly transmissive opal PC diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



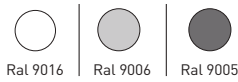
Order Code	W	Lm	K	CRI	L (mm)	Kg
01180.47.30.015	15	1420	3000	Ra>80	575	1,8
01180.47.30.023	22	2140	3000	Ra>80	855	2,0
01180.47.30.030	28	2810	3000	Ra>80	1135	2,4
01180.47.30.039	35	3570	3000	Ra>80	1415	2,8
01180.47.40.016	15	1500	4000	Ra>80	575	1,8
01180.47.40.024	22	2260	4000	Ra>80	855	2,0
01180.47.40.032	28	3020	4000	Ra>80	1135	2,4
01180.47.40.040	35	3770	4000	Ra>80	1415	2,8



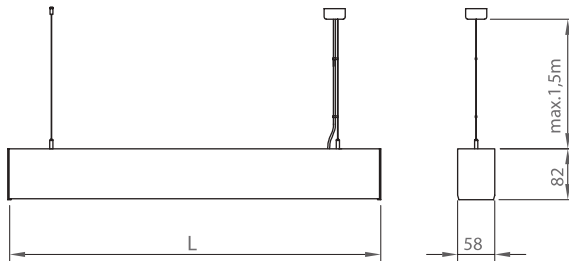
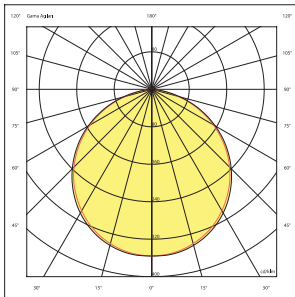
LIGHTLINE-058



Color Options



Housing	Extruded aluminum profile with electrostatic coating
Optics	Highly transmissive opal PC diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Order Code	W	Lm	K	CRI	L (mm)	Kg
01180.57.30.015	15	1400	3000	Ra>80	575	1,3
01180.57.30.021	21	1910	3000	Ra>80	575	1,3
01180.57.30.023	22	2110	3000	Ra>80	855	2,0
01180.57.30.032	31	2860	3000	Ra>80	855	2,0
01180.57.30.031	29	2815	3000	Ra>80	1135	2,7
01180.57.30.043	42	3810	3000	Ra>80	1135	2,7
01180.57.30.038	36	3520	3000	Ra>80	1415	3,2
01180.57.30.053	52	4770	3000	Ra>80	1415	3,2
01180.57.30.046	43	4220	3000	Ra>80	1695	3,7
01180.57.30.064	62	5720	3000	Ra>80	1695	3,7
01180.57.40.016	15	1480	4000	Ra>80	575	1,3
01180.57.40.022	21	2020	4000	Ra>80	575	1,3
01180.57.40.024	22	2230	4000	Ra>80	855	2,0
01180.57.40.033	31	3030	4000	Ra>80	855	2,0
01180.57.40.032	29	2970	4000	Ra>80	1135	2,7
01180.57.40.044	42	4040	4000	Ra>80	1135	2,7
01180.57.40.039	36	3710	4000	Ra>80	1415	3,2
01180.57.40.055	52	5060	4000	Ra>80	1415	3,2
01180.57.40.048	43	4460	4000	Ra>80	1695	3,7
01180.57.40.066	62	6050	4000	Ra>80	1695	3,7







Color Options



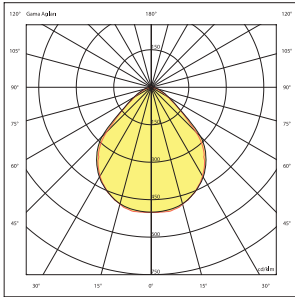
Ral 9016



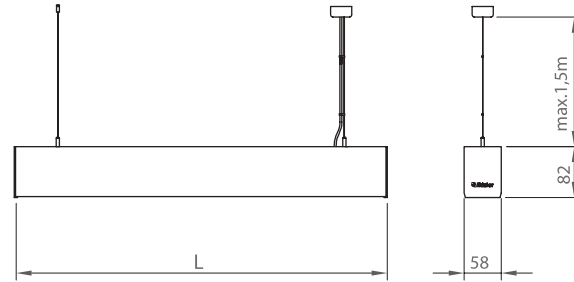
Ral 9006



Ral 9005



Housing	Extruded aluminum profile with electrostatic coating
Optics	Micro-prismatic diffuser with UGR>19 effect
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit

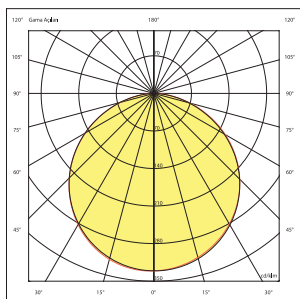
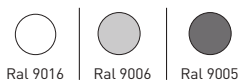


Order Code	W	Lm	K	CRI	L (mm)	Kg
01180.57.30.015	15	1650	3000	Ra>80	575	1,3
01180.57.30.021	21	2310	3000	Ra>80	575	1,3
01180.57.30.023	22	2420	3000	Ra>80	855	2,0
01180.57.30.032	31	3410	3000	Ra>80	855	2,0
01180.57.30.031	29	3190	3000	Ra>80	1135	2,7
01180.57.30.043	42	4620	3000	Ra>80	1135	2,7
01180.57.30.038	36	3960	3000	Ra>80	1415	3,2
01180.57.30.053	52	5720	3000	Ra>80	1415	3,2
01180.57.30.046	44	4840	3000	Ra>80	1695	3,7
01180.57.30.064	62	6820	3000	Ra>80	1695	3,7
01180.57.40.016	15	1730	4000	Ra>80	575	1,3
01180.57.40.022	21	2420	4000	Ra>80	575	1,3
01180.57.40.024	22	2530	4000	Ra>80	855	2,0
01180.57.40.033	31	3585	4000	Ra>80	855	2,0
01180.57.40.032	29	3355	4000	Ra>80	1135	2,7
01180.57.40.044	42	4840	4000	Ra>80	1135	2,7
01180.57.40.039	36	4150	4000	Ra>80	1415	3,2
01180.57.40.055	52	6000	4000	Ra>80	1415	3,2
01180.57.40.048	44	5060	4000	Ra>80	1695	3,7
01180.57.40.066	62	7150	4000	Ra>80	1695	3,7

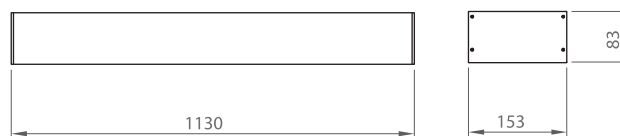
LIGHTLINE-150



Color Options



Housing	Extruded aluminum profile with electrostatic coating
Optics	Highly transmissive opal PC diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Order Code	W	Lm	K	CRI	Kg
01180.18.30.038	39	3860	3000	Ra>80	3,8
01180.18.30.043	45	4340	3000	Ra>80	3,8
01180.18.40.040	39	4080	3000	Ra>80	3,8
01180.18.40.045	45	4600	4000	Ra>80	3,8

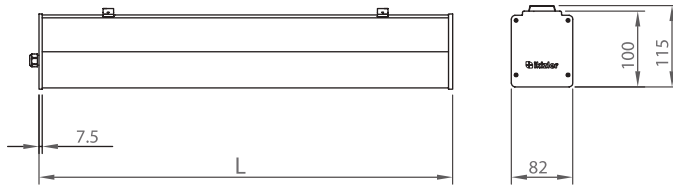
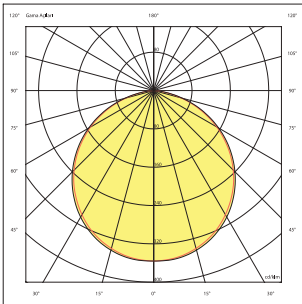
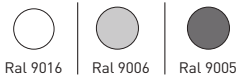


WATERLINE



Housing	Extruded aluminum profile with electrostatic coating
Optics	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit

Color Options



Order Code	W	Lm	K	CRI	L (mm)	Kg
01193.81.30.020	21	1800	3000	Ra>80	590	2,2
01193.81.30.030	31	2700	3000	Ra>80	870	2,5
01193.81.30.041	42	3600	3000	Ra>80	1150	2,9
01193.81.30.052	52	4500	3000	Ra>80	1430	3,3
01193.81.30.063	62	5400	3000	Ra>80	1710	3,8
01193.81.40.022	21	1900	4000	Ra>80	590	2,2
01193.81.40.032	31	2860	4000	Ra>80	870	2,5
01193.81.40.043	42	3800	4000	Ra>80	1150	2,9
01193.81.40.054	52	4770	4000	Ra>80	1430	3,3
01193.81.40.065	62	5720	4000	Ra>80	1710	3,8

SPEEDLINE



Color Options



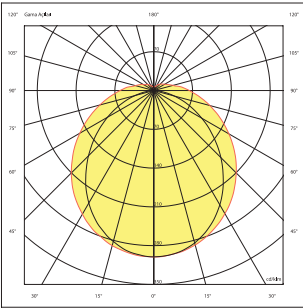
Ral 9016



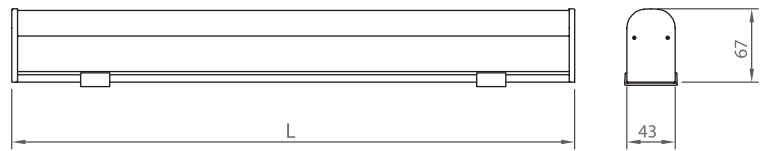
Ral 9006



Ral 9005



Housing	Extruded aluminum profile with electrostatic coating
Optics	Highly transmissive opal PC diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit

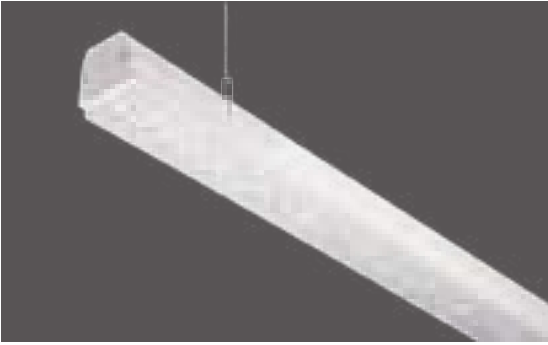


Order Code	W	Lm	K	CRI	L (mm)	Kg
01180.46.30.013	14	1670	3000	Ra>80	580	0,6
01180.46.30.027	27	3220	3000	Ra>80	1130	1,1
01180.46.30.041	41	4880	3000	Ra>80	1680	1,5
01180.46.40.014	14	1800	4000	Ra>80	580	0,6
01180.46.40.030	27	3500	4000	Ra>80	1130	1,1
01180.46.40.044	41	5290	4000	Ra>80	1680	1,5



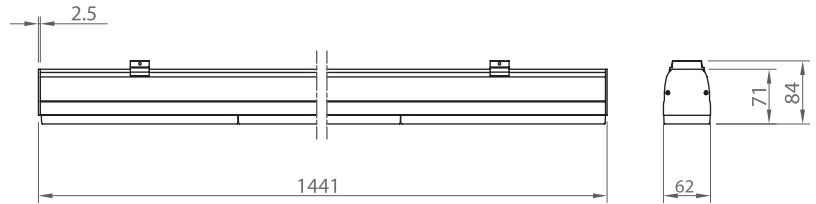
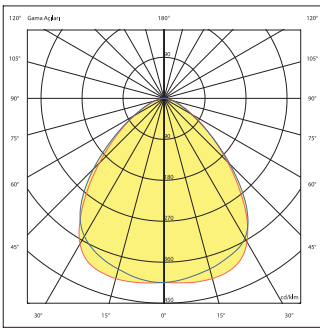
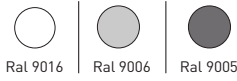
RUNNING continuous linear lighting fixtures provides users with alternative solutions with high energy conservation, low maintenance costs. Due to its plug-in assembly concept, it can be applied to both new and retrofit projects. With dimension, optics and lumen package configurations, RUNNING Continuous Lighting system offers various application opportunities especially in industrial and commercial spaces. LED technology brings an exceptional 50% energy conservation and tip the scale in favor of RUNNING in factory, warehouse and supermarket projects where maintenance costs have a great importance.

RUNNING



Housing	Extruded aluminum profile with electrostatic coating
Optics	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit

Color Options



Surface Mounting And Suspension



Steel Suspension Kit



Order Code	W	Lm	CCT	CRI	Kg
72038.15.30.085	65	8530	3000	Ra>80	3,1
72038.15.40.089	65	8900	4000	Ra>80	3,1
72039.15.30.065	53	6635	3000	Ra>80	3,1
72039.15.40.068	53	6825	4000	Ra>80	3,1

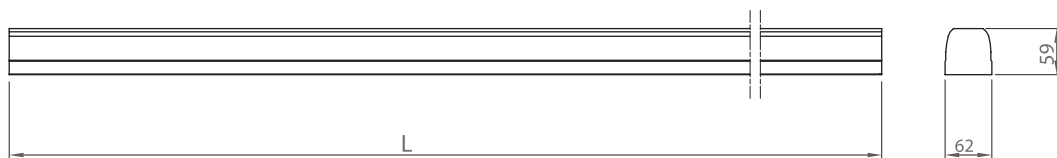
RUNNING Trunking System

Running Energy Transfer Body



Housing	Extruded aluminum profile with electrostatic coating
Options	Dali 3 hour emergency lighting

* **Body System (Without Cap)**

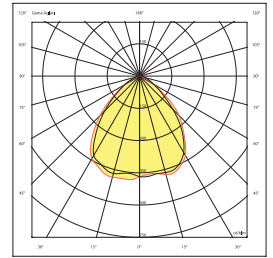


Order Code	Cable	Description	L (mm)	Kg
72530.05.100	5 core	on/off	1436	1,8
72730.05.100	7 core	Dali	1436	1,9
72930.05.100	9 core	Dali + Emergency Kit	1436	2,0
72530.05.200	5 core	on/off	2872	3,6
72730.05.200	7 core	Dali	2872	3,8
72930.05.200	9 core	Dali + Emergency Kit	2872	4,0
72530.05.300	5 core	on/off	4308	5,4
72730.05.300	7 core	Dali	4308	5,7
72930.05.300	9 core	Dali + Emergency Kit	4308	6,0



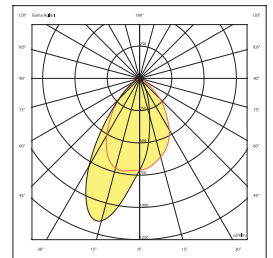
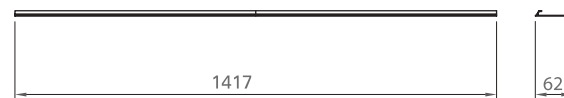
RUNNING Optic Units

60°



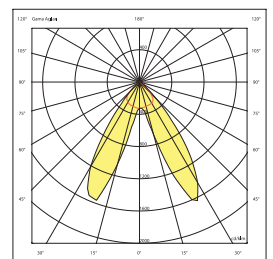
Order Code	W	Lm	CCT	CRI	Kg
72038.15.30.085	65	8530	3000	Ra>80	3,1
72038.15.30.070	53	6635	3000	Ra>80	3,1
72038.15.40.089	65	8900	4000	Ra>80	3,1
72038.15.40.071	53	6825	4000	Ra>80	3,1

Asymmetric



Order Code	W	Lm	CCT	CRI	Kg
72039.15.30.065	53	6635	3000	Ra>80	3,1
72039.15.40.067	53	6825	4000	Ra>80	3,1

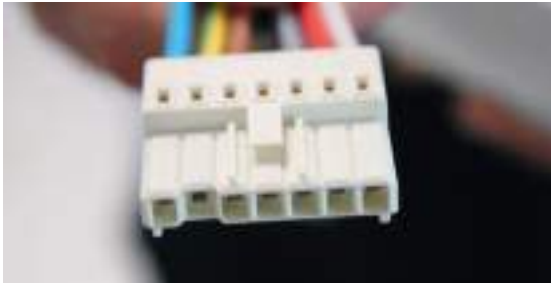
Double Asymmetric



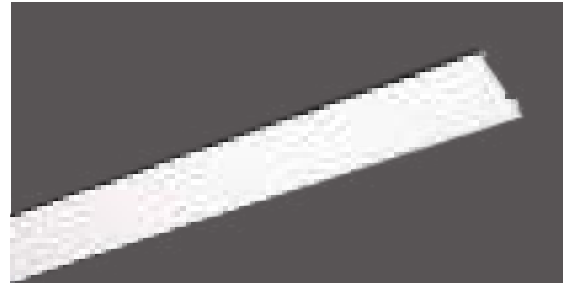
Order Code	W	Lm	CCT	CRI	Kg
72039.15.30.067.N000	53	6635	3000	Ra>80	3,1
72039.15.40.066.N000	53	6825	4000	Ra>80	3,1

Running System Units

Connector



Blind Cover



Running Accesories

Joint Piece



Surface Mounting and Suspension Part



End Cap



Steel Suspension Kit





LIGHTLINE-075



Color Options



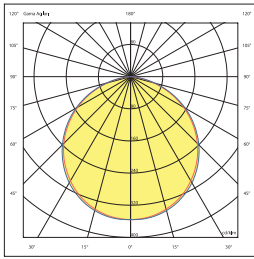
Ral 9016



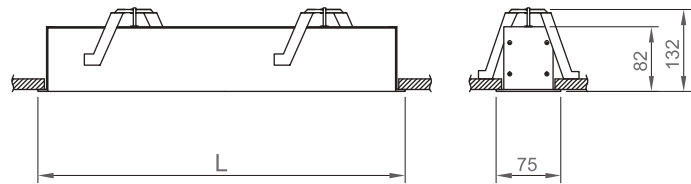
Ral 9006



Ral 9005

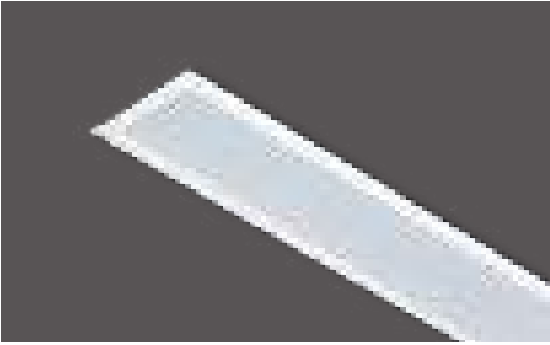


Housing	Extruded aluminum profile with electrostatic coating
Optics	Highly transmissive opal PC diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit

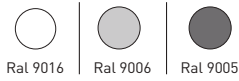


Order Code	W	Lm	K	CRI	L (mm)	Cut-out (mm)	Kg
02155.71.30.015	15	1270	3000	Ra>80	590	65x580	0,9
02155.71.30.021	21	1780	3000	Ra>80	590	65x580	0,9
02155.71.30.023	22	1870	3000	Ra>80	870	65x860	1,4
02155.71.30.032	31	2640	3000	Ra>80	870	65x860	1,4
02155.71.30.031	29	2450	3000	Ra>80	1150	65x1140	1,9
02155.71.30.043	42	3550	3000	Ra>80	1150	65x1140	1,9
02155.71.30.038	36	3040	3000	Ra>80	1430	65x1420	2,3
02155.71.30.053	52	4400	3000	Ra>80	1430	65x1420	2,3
02155.71.30.046	44	3740	3000	Ra>80	1710	65x1700	2,75
02155.71.30.064	62	5250	3000	Ra>80	1710	65x1700	2,75
02155.71.40.016	15	1350	4000	Ra>80	590	65x580	0,9
02155.71.40.022	21	1890	4000	Ra>80	590	65x580	0,9
02155.71.40.024	22	1980	4000	Ra>80	870	65x860	1,4
02155.71.40.033	31	2800	4000	Ra>80	870	65x860	1,4
02155.71.40.032	29	2620	4000	Ra>80	1150	65x1140	1,9
02155.71.40.044	42	3790	4000	Ra>80	1150	65x1140	1,9
02155.71.40.039	36	3240	4000	Ra>80	1430	65x1420	2,3
02155.71.40.055	52	4680	4000	Ra>80	1430	65x1420	2,3
02155.71.40.048	44	3960	4000	Ra>80	1710	65x1700	2,75
02155.71.40.066	62	5580	4000	Ra>80	1710	65x1700	2,75

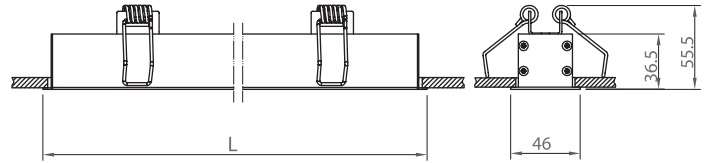
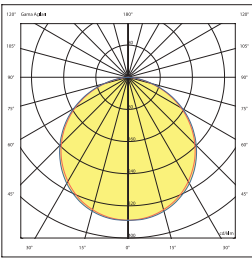
LIGHTLINE-046



Color Options



Housing	Extruded aluminum profile with electrostatic coating
Optics	Highly transmissive opal PC diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit

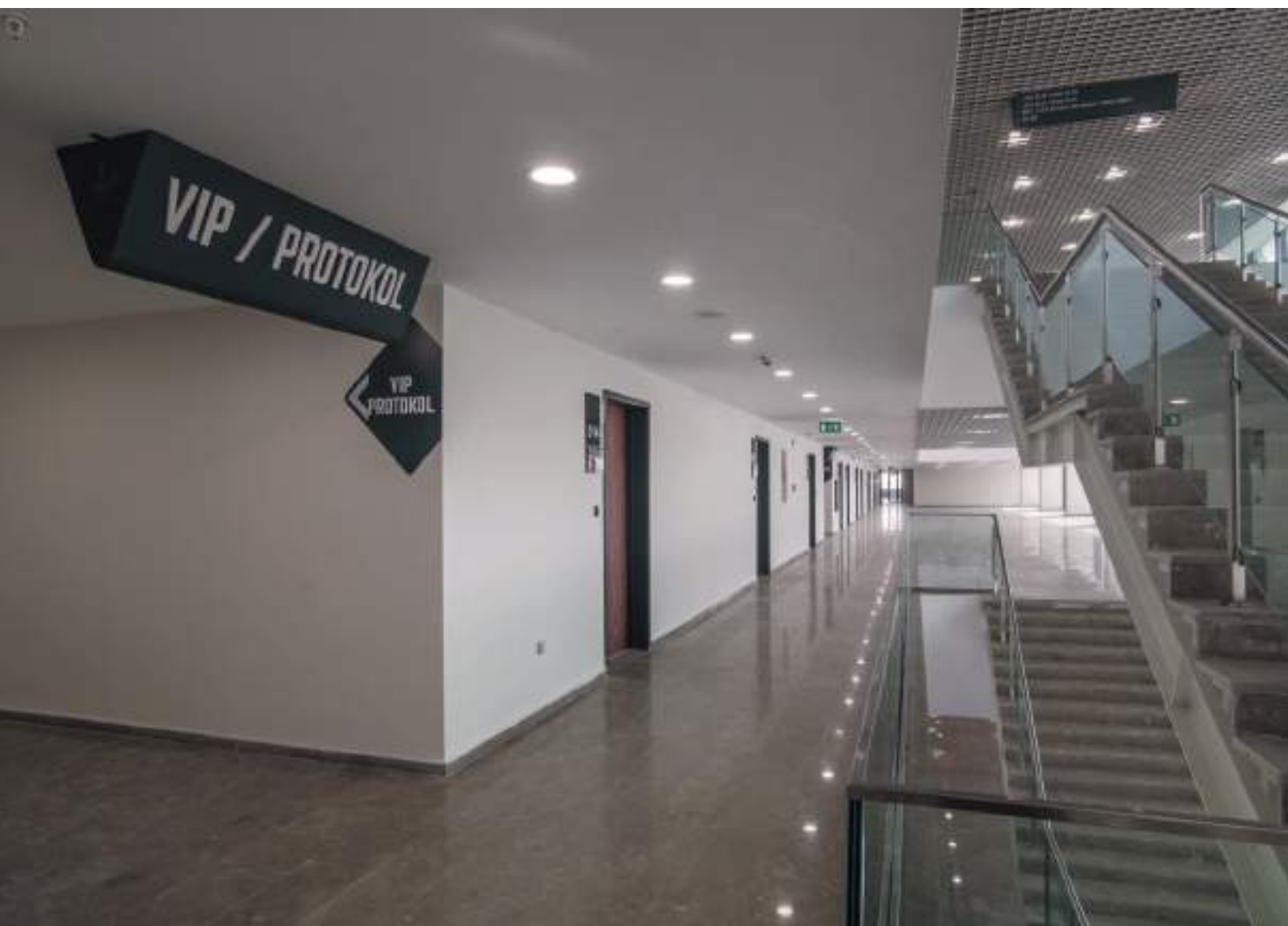


Order Code	W	Lm	K	CRI	L (mm)	Cut-out (mm)	Kg
02155.45.30.015	16	1500	3000	Ra>80	1060	41x1040	1,0
02155.45.40.016	16	1600	4000	Ra>80	1060	41x1040	1,0





3 | DOWNLIGHT LIGHTING




Color Options

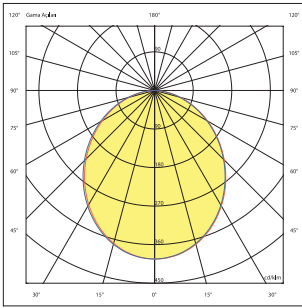

Ral 9016



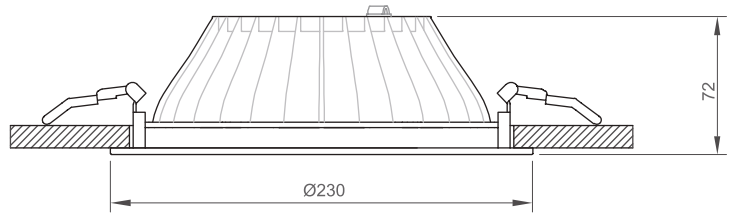
Ral 9006



Ral 9005



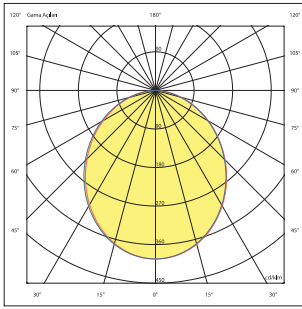
Housing	Die-cast aluminium with electrostatic coating
Optics	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit IP 44



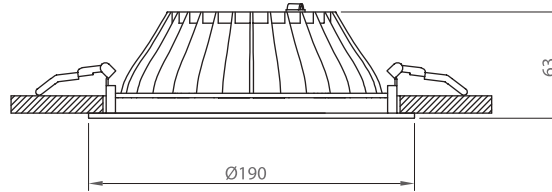
Order Code	W	Lm	CCT	CRI	Cut-out (mm)	Kg
05393.23.30.029	28	2300	3000	Ra>80	Ø215	1,0
05393.23.40.029	28	2400	4000	Ra>80	Ø215	1,0



Color Options



Housing	Die-cast aluminium with electrostatic coating
Optics	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit IP 44



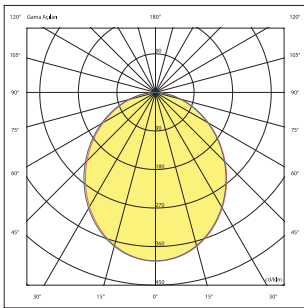
Order Code	W	Lm	CCT	CRI	Cut-out (mm)	Kg
05393.19.30.011	13	1300	3000	Ra>80	Ø175	0,9
05393.19.30.015	19	1900	3000	Ra>80	Ø175	0,9
05393.19.40.012	13	1370	4000	Ra>80	Ø175	0,9
05393.19.40.016	19	2000	4000	Ra>80	Ø175	0,9



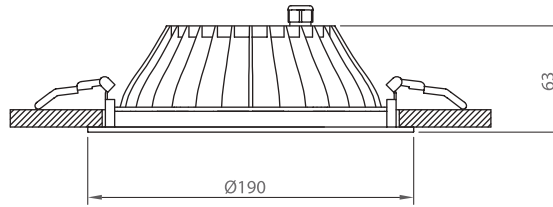
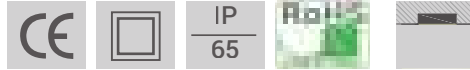
LUNA IP65



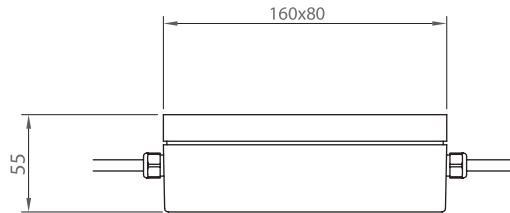
Color Options



Housing	Die-cast aluminium with electrostatic coating
Optics	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



OPTIONS



Order Code	W	Lm	CCT	CRI	Cut-out (mm)	Kg
05395.19.30.011	13	1300	3000	Ra>80	Ø175	0,9
05395.19.30.015	19	1900	3000	Ra>80	Ø175	0,9
05395.19.40.012	13	1370	4000	Ra>80	Ø175	0,9
05395.19.40.016	19	2000	4000	Ra>80	Ø175	0,9



SNOW 023



Color Options



Ral 9016

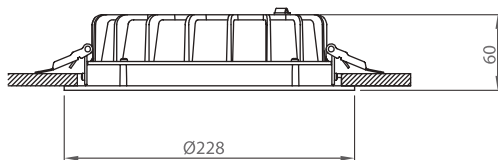
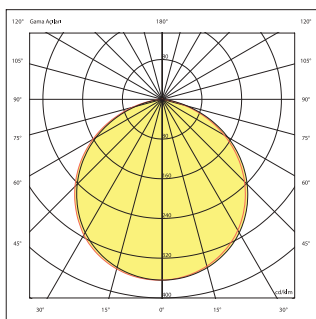


Ral 9006



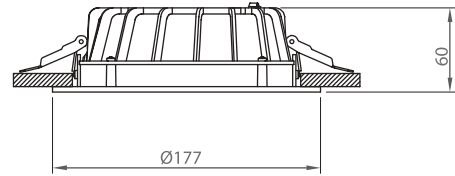
Ral 9005

Housing	Die-cast aluminium with electrostatic coating
Optics	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Order Code	W	Lm	CCT	CRI	Cut-out (mm)	Kg
05397.23.30.033	30	3350	3000	Ra>80	Ø210	0,9
05397.23.40.035	30	3500	4000	Ra>80	Ø210	0,9

017 SNOW



Color Options



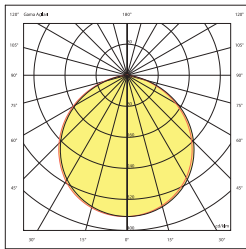
Ral 9016



Ral 9006

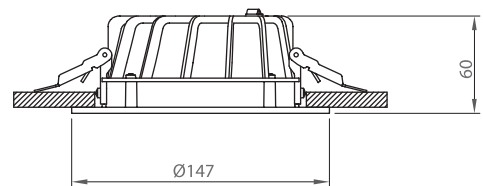


Ral 9005



Order Code	W	Lm	CCT	CRI	Cut-out (mm)	Kg
05397.19.30.018	19	2120	3000	Ra>80	Ø160	0,7
05397.19.40.019	19	2216	4000	Ra>80	Ø160	0,7

014 SNOW



Color Options



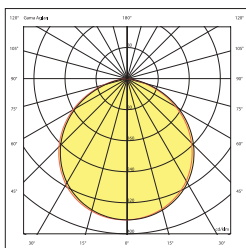
Ral 9016



Ral 9006



Ral 9005



Order Code	W	Lm	CCT	CRI	Cut-out (mm)	Kg
05397.15.30.010	10	1100	3000	Ra>80	Ø130	0,6
05397.15.40.010	10	1160	4000	Ra>80	Ø130	0,6

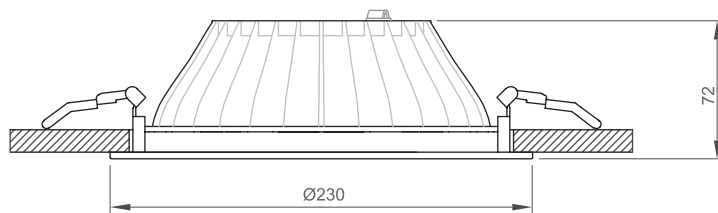
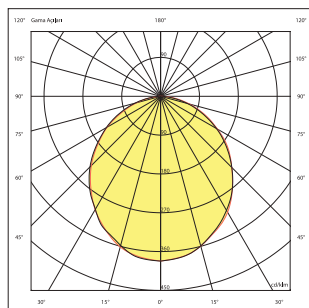
SLOT 023



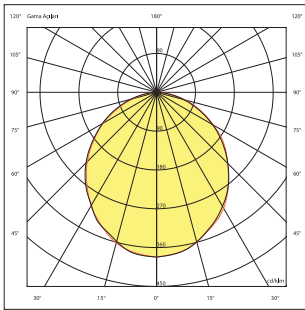
Color Options



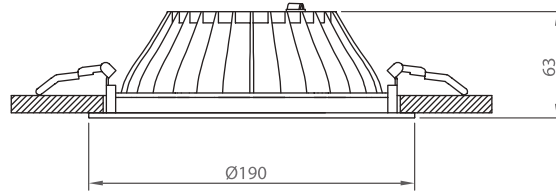
Housing	Die-cast aluminium with electrostatic coating
Optics	Highly transmissive opal diffuser
Light Source	High efficacy COB LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Order Code	W	Lm	CCT	CRI	Cut-out (mm)	Kg
05396.23.30.024	28	2400	3000	Ra>80	Ø215	1,0
05396.23.30.035	32	3500	3000	Ra>80	Ø215	1,0
05396.23.40.025	28	2500	4000	Ra>80	Ø215	1,0
05396.23.40.036	32	3600	4000	Ra>80	Ø215	1,0


Color Options


Housing	Die-cast aluminium with electrostatic coating
Optics	Highly transmissive opal diffuser
Light Source	High efficacy COB LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Order Code	W	Lm	CCT	CRI	Cut-out (mm)	Kg
05396.19.30.012	13	1200	3000	Ra>80	Ø175	0,9
05396.19.30.016	19	1600	3000	Ra>80	Ø175	0,9
05396.19.40.013	13	1300	4000	Ra>80	Ø175	0,9
05396.19.40.017	19	1600	4000	Ra>80	Ø175	0,9



Color Options



Ral 9016

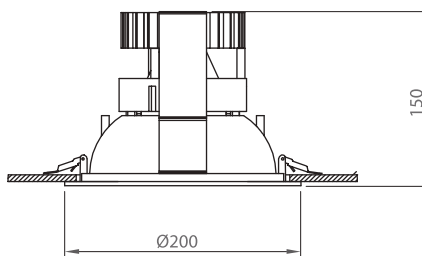
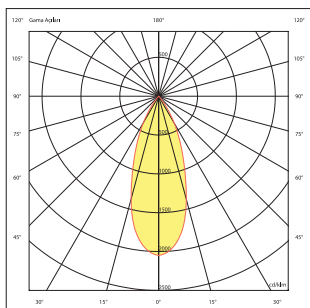


Ral 9006



Ral 9005

Housing	Die-cast aluminium with electrostatic coating
Reflector	Highly efficient vacuumed aluminum coated PC reflector and deglaring diffuser combined with thermoplastic reflector (UGR<16)
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



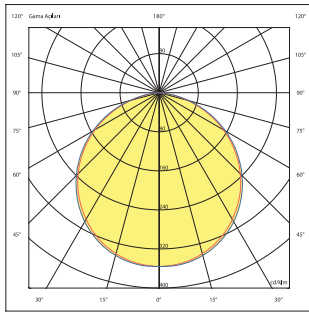
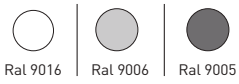
Order Code	W	Lm	Beam Angle	CCT	CRI	Cut-out (mm)	Kg
05558.13.30.021	30	2550	45°	3000	Ra>80	Ø185	0,75
05558.13.40.021	30	2700	45°	4000	Ra>80	Ø185	0,75



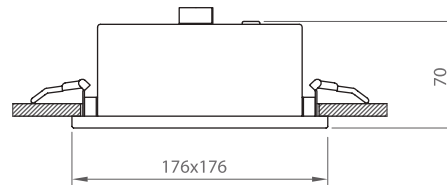




Color Options



Housing	Electrostatic coated steel sheet
Optics	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Order Code	W	Lm	CCT	CRI	Cut-out (mm)	Kg
05247.22.30.015	13	1350	3000	Ra>80	165x160	0,6
05247.22.30.021	18	1850	3000	Ra>80	165x160	0,6
05247.22.40.016	13	1430	4000	Ra>80	165x160	0,6
05247.22.40.022	18	1920	4000	Ra>80	165x160	0,6

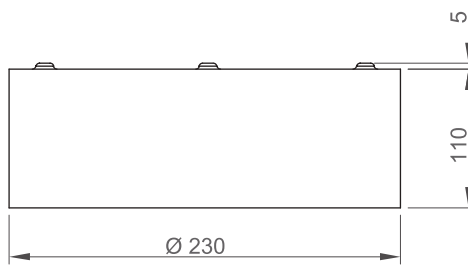
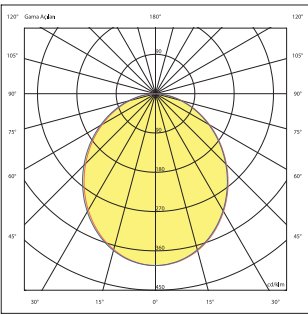
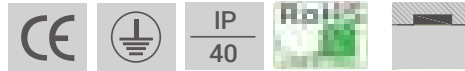
LUNA-T



Color Options



Housing	Electrostatic coated aluminum
Optics	Highly transmissive opal diffuser
Light Source	High efficacy SMD Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Order Code	W	Lm	CCT	CRI	Kg
03170.23.30.016	18	1620	3000	Ra>80	1,2
03170.23.30.023	23	2232	3000	Ra>80	1,2
03170.23.40.017	18	1688	4000	Ra>80	1,2
03170.23.40.024	23	2325	4000	Ra>80	1,2

CANVAS-T



Color Options



Ral 9016

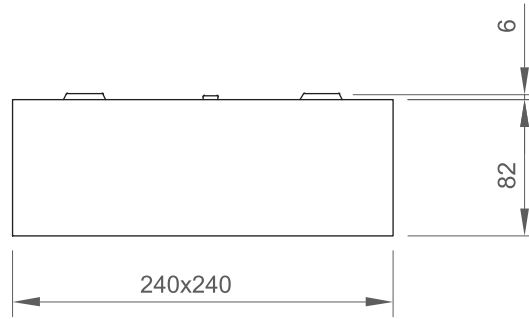
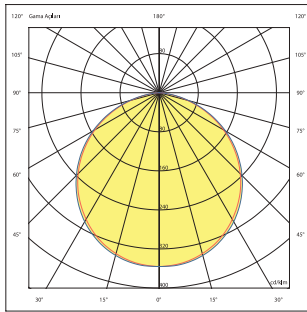


Ral 9006



Ral 9005

Housing	Electrostatic coated steel sheet
Optics	Highly transmissive opal diffuser
Light Source	High efficacy SMD Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Order Code	W	Lm	CCT	CRI	Kg
05250.22.30.015	13	1350	3000	Ra>80	1,1
05250.22.30.021	18	1850	3000	Ra>80	1,1
05250.22.40.016	13	1430	4000	Ra>80	1,1
05250.22.40.022	18	1920	4000	Ra>80	1,1



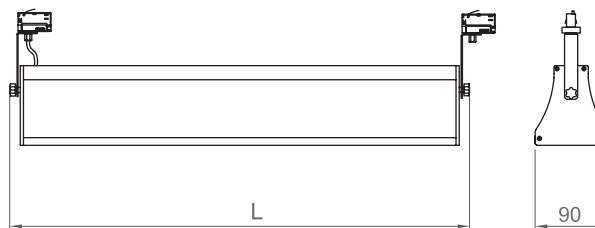
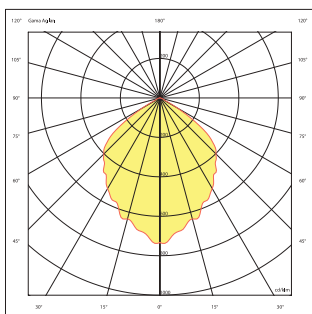
4 | SPOT LIGHTING



Color Options



Housing	Extruded aluminum profile with electrostatic coating
Optics	Acrylic optic lens, painted reflector
Reflector	Grey electrostatic coated louvre and matte anodized aluminum
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali



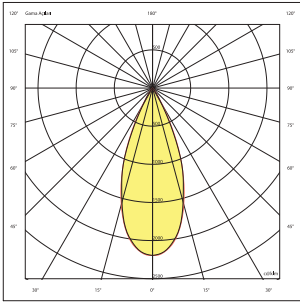
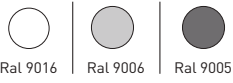
Order Code	W	Lm	Beam Angle	CCT	CRI	L (mm)	Kg
01196.91.30.031	28	3130	55°	3000	Ra>80	600	2,1
01196.91.30.046	42	4656	55°	3000	Ra>80	900	3,1
01196.91.30.053	49	5330	55°	3000	Ra>80	1200	4,2
01196.91.40.033	28	3260	55°	4000	Ra>80	600	2,1
01196.91.40.048	42	4850	55°	4000	Ra>80	900	3,1
01196.91.40.055	49	5550	55°	4000	Ra>80	1200	4,2



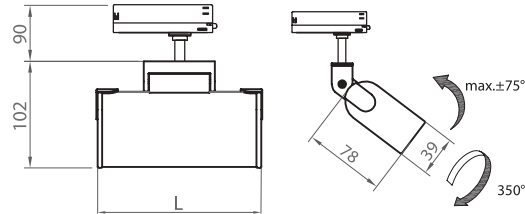
DUET-R



Color Options



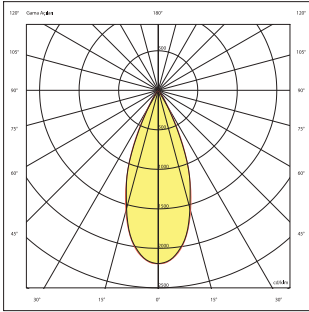
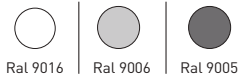
Housing	Extruded aluminum profile with electrostatic coating
Reflector	Highly efficient, aluminum coated, vacuumed PC reflector and deglaring (UGR<16)
Light Source	High efficacy High Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°



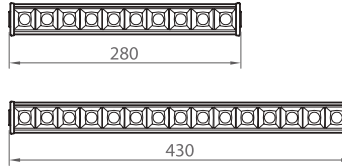
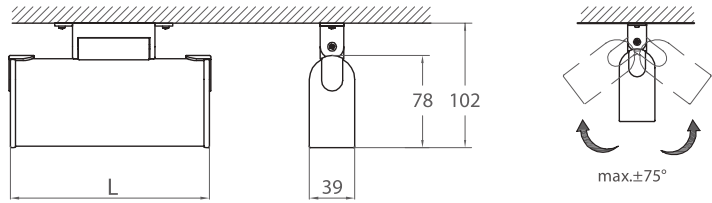
Order Code	W	Lm	Beam Angle	CCT	CRI	L	Kg
01189.37.30.011	11	1100	36°	3000	Ra>80	145	0,45
01189.37.30.021	22	2200	36°	3000	Ra>80	280	0,75
01189.37.40.012	33	3300	36°	3000	Ra>80	430	1,15
01189.37.40.022	11	1200	36°	4000	Ra>80	145	0,45
01189.37.30.036	22	2400	36°	4000	Ra>80	280	0,75
01189.37.40.038	33	3600	36°	3000	Ra>80	430	1,15



Color Options



Housing	Extruded aluminum profile with electrostatic coating
Reflector	Highly efficient, aluminum coated, vacuumed PC reflector and deglaring (UGR<16)
Light Source	High efficacy High Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°



Order Code	W	Lm	Beam Angle	CCT	CRI	L	Kg
01199.37.30.021	22	2200	36°	3000	Ra>80	280	0,7
01199.37.40.012	33	3300	36°	3000	Ra>80	430	1,1
01199.37.30.036	22	2400	36°	4000	Ra>80	280	0,7
01199.37.40.038	33	3600	36°	3000	Ra>80	430	1,1



MODUS DC



Color Options

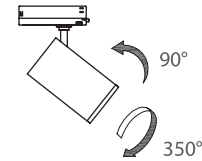
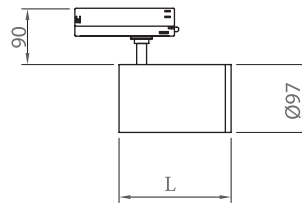
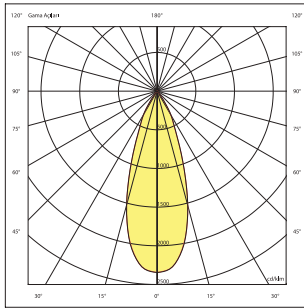


Ral 9016

Ral 9006

Ral 9005

Housing	Extruded aluminum profile with electrostatic coating
Reflector	Anodized aluminum reflector
Light Source	High efficacy COB LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°

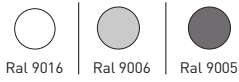


Order Code	W	Lm	Beam Angle	CCT	CRI	L	Kg
05638.97.30.027	30	3330	12°	3000	Ra>80	170	1,2
05638.97.30.028	30	3330	24°	3000	Ra>80	170	1,2
05638.97.30.029	30	3330	36°	3000	Ra>80	170	1,2
05638.97.30.016	19	2110	12°	3000	Ra>80	150	1,2
05638.97.30.017	19	2110	24°	3000	Ra>80	150	1,2
05638.97.30.018	19	2110	36°	3000	Ra>80	150	1,2
05638.97.40.028	30	3510	12°	4000	Ra>80	170	1,2
05638.97.40.029	30	3510	24°	4000	Ra>80	170	1,2
05638.97.40.030	30	3510	36°	4000	Ra>80	170	1,2
05638.97.40.017	19	2220	12°	4000	Ra>80	150	1,2
05638.97.40.018	19	2220	24°	4000	Ra>80	150	1,2
05638.97.40.019	19	2220	36°	4000	Ra>80	150	1,2

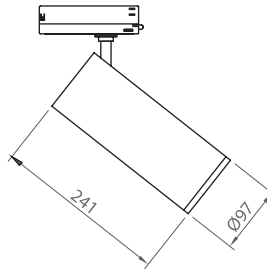
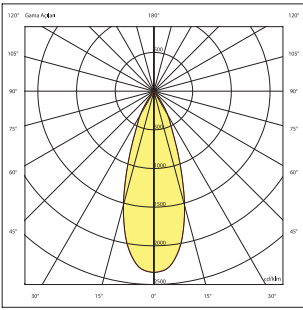
MODUS



Color Options



Housing	Extruded aluminum profile with electrostatic coating
Reflector	Anodized aluminum reflector
Light Source	High efficacy COB LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali



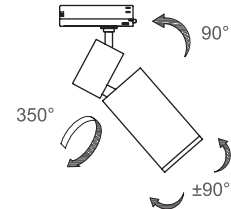
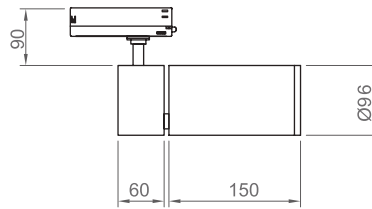
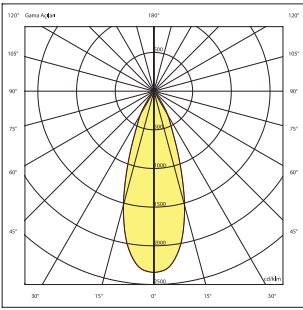
Order Code	W	Lm	Beam Angle	CCT	CRI	Kg
05628.97.30.025	27	2960	12°	3000	Ra>80	1,2
05628.97.30.026	27	2960	24°	3000	Ra>80	1,2
05628.97.30.027	27	2960	38°	3000	Ra>80	1,2
05628.97.30.016	19	2110	12°	3000	Ra>80	1,2
05628.97.30.017	19	2110	24°	3000	Ra>80	1,2
05628.97.30.018	19	2110	38°	3000	Ra>80	1,2
05628.97.40.026	27	3115	12°	4000	Ra>80	1,2
05628.97.40.027	27	3115	24°	4000	Ra>80	1,2
05628.97.40.028	27	3115	38°	4000	Ra>80	1,2
05628.97.40.017	19	2220	12°	4000	Ra>80	1,2
05628.97.40.018	19	2220	24°	4000	Ra>80	1,2
05628.97.40.019	19	2220	38°	4000	Ra>80	1,2



Color Options



Housing	Extruded aluminum profile with electrostatic coating
Reflector	Anodized aluminum reflector
Light Source	High efficacy COB LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali



Order Code	W	Lm	Beam Angle	CCT	CRI	L	Kg
05678.97.30.027	30	3330	12°	3000	Ra>80	170	1,5
05678.97.30.028	30	3330	24°	3000	Ra>80	170	1,5
05678.97.30.029	30	3330	36°	3000	Ra>80	170	1,5
05678.97.30.016	19	2110	12°	3000	Ra>80	150	1,5
05678.97.30.017	19	2110	24°	3000	Ra>80	150	1,5
05678.97.30.018	19	2110	36°	3000	Ra>80	150	1,5
05678.97.40.028	30	3510	12°	4000	Ra>80	170	1,5
05678.97.40.029	30	3510	24°	4000	Ra>80	170	1,5
056.78.97.40.030	30	3510	36°	4000	Ra>80	170	1,5
05678.97.40.017	19	2220	12°	4000	Ra>80	150	1,5
05678.97.40.018	19	2220	24°	4000	Ra>80	150	1,5
05678.97.40.019	19	2220	36°	4000	Ra>80	150	1,5

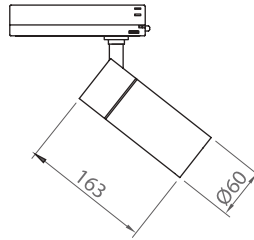
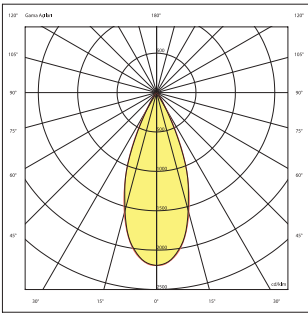
SPARROW



Color Options



Housing	Extruded aluminum profile with electrostatic coating
Reflector	Anodized aluminum reflector
Light Source	High efficacy COB LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali



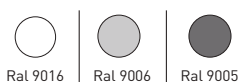
Order Code	W	Lm	Beam Angle	CCT	CRI	Kg
05668.80.30.017	15	1720	24°	3000	Ra>80	1,2
05668.80.30.021	20	2100	24°	3000	Ra>80	1,2
05668.80.40.018	15	1820	24°	4000	Ra>80	1,2
05668.80.40.022	20	2230	24°	4000	Ra>80	1,2



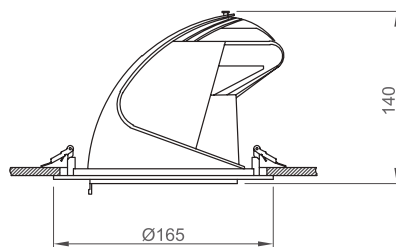
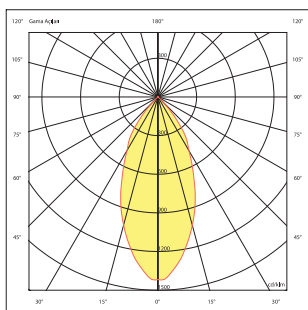
DRAGON



Color Options



Housing	Die-cast aluminum with electrostatic coating
Reflector	Glossary anodized aluminum reflector
Light Source	MacAdam Step-3 high efficacy COB LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



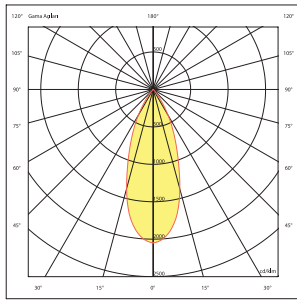
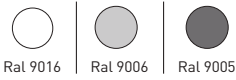
Order Code	W	Lm	Beam Angle	CCT	CRI	Cut-out (mm)	Kg
05310.16.30.032	30	3200	24°	3000	Ra>80	Ø150	1,0
05310.16.40.034	30	3400	24°	4000	Ra>80	Ø150	1,0



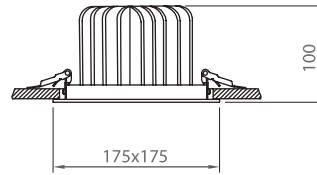
ADELLA K1



Color Options

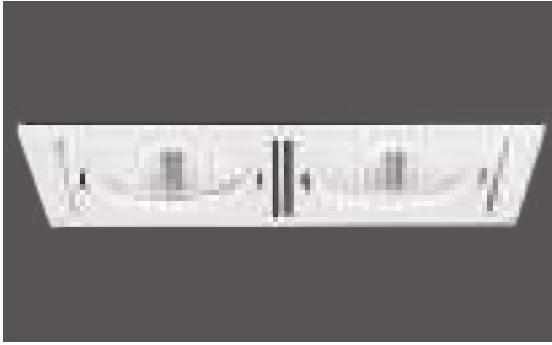


Housing	Die-cast aluminum with electrostatic coating
Reflector	Anodized aluminum reflector
Glass	Clear tempered glass
Light Source	High efficacy COB LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Order Code	W	Beam Angle	Lm	CCT	CRI	Cut-out (mm)	Kg
52682.11.30.016	13	45°	1600	3000	Ra>80	160x160	0,6
52682.11.30.021	18	45°	2100	3000	Ra>80	160x160	0,6
52682.11.30.037	34	45°	3700	3000	Ra>80	160x160	0,6
52682.11.40.017	13	45°	1700	4000	Ra>80	160x160	0,6
52682.11.40.022	18	45°	2200	4000	Ra>80	160x160	0,6
52682.11.40.039	34	45°	3900	4000	Ra>80	160x160	0,6

ADELLA K2



Color Options



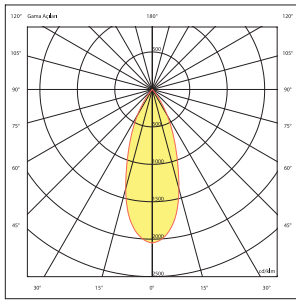
Ral 9016



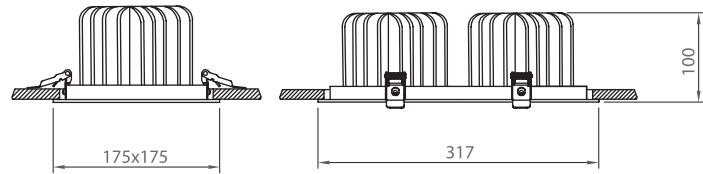
Ral 9006



Ral 9005



Housing	Die-cast aluminum with electrostatic coating
Reflector	Anodized aluminum reflector
Glass	Clear tempered glass
Light Source	High efficacy COB LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit

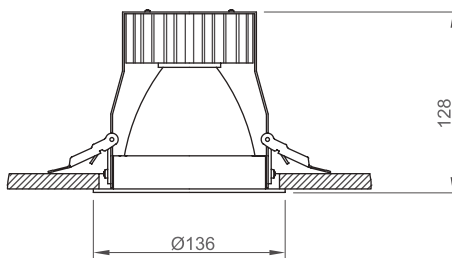
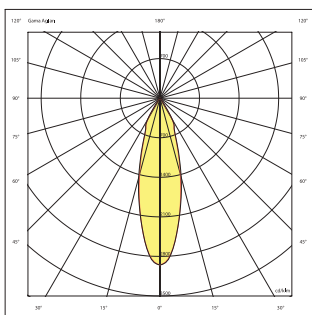


Order Code	W	Beam Angle	Lm	CCT	CRI	Cut-out (mm)	Kg
52682.13.30.030	26	45°	3000	3000	Ra>80	160x302	1,2
52682.13.30.042	36	45°	4200	3000	Ra>80	160x302	1,2
52682.13.30.074	68	45°	7400	3000	Ra>80	160x302	1,2
52682.13.40.032	26	45°	3200	4000	Ra>80	160x302	1,2
52682.13.40.044	36	45°	4400	4000	Ra>80	160x302	1,2
52682.13.40.078	68	45°	7800	4000	Ra>80	160x302	1,2



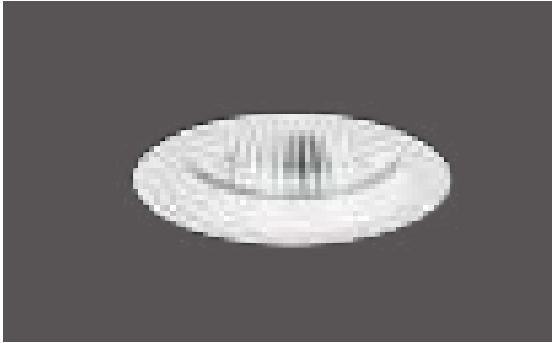
Housing	Die-cast aluminum with electrostatic coating
Reflector	Anodized aluminum reflector
Light Source	High efficacy COB LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit

Color Options

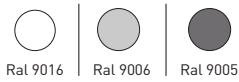


Order Code	W	Lm	Beam Angle	CCT	CRI	Cut-out (mm)	Kg
05110.13.30.030	28	2400	38°	3000	Ra>80	Ø120	0.7
05110.13.40.032	28	2500	38°	4000	Ra>80	Ø120	0.7

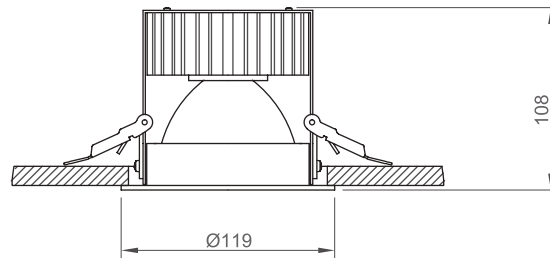
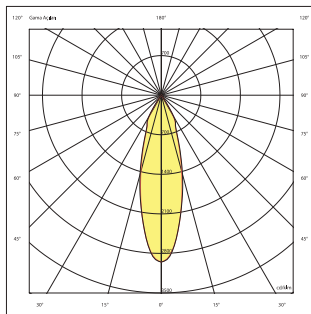
STAR MINI



Color Options



Housing	Die-cast aluminum with electrostatic coating
Reflector	Anodized aluminum reflector
Light Source	High efficacy COB LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Order Code	W	Beam Angle	Lm	CCT	CRI	Cut-out (mm)	Kg
05110.11.30.023	20	38°	1700	3000	Ra>80	Ø106	0.6
05110.11.40.024	20	38°	1800	4000	Ra>80	Ø106	0.6

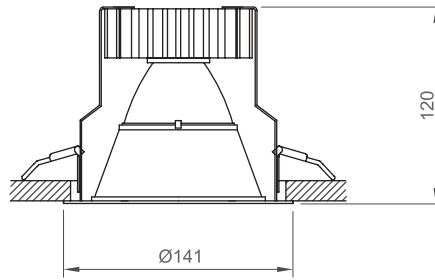
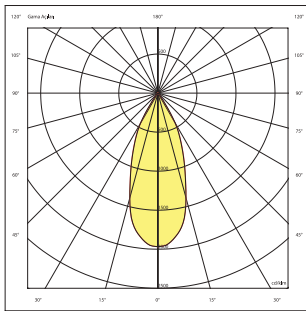
DARKPIT 140



Color Options

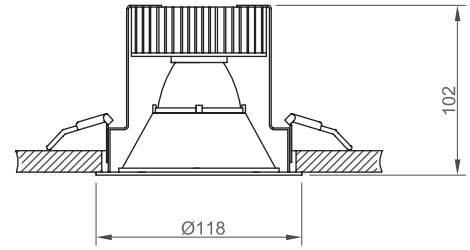


Housing	Electrostatic coated steel frame and aluminum heatsink
Reflector	Highly efficient vacuumed aluminum coated PC reflector and deglaring diffuser combined with thermoplastic reflector (UGR<16)
Light Source	High efficacy COB LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit

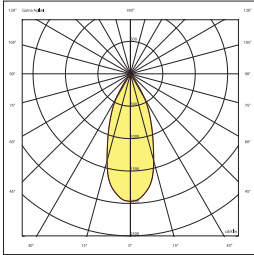


Order Code	W	Lm	Beam Angle	CCT	CRI	Cut-out (mm)	Kg
05111.14.30.023	19	1700	45°	3000	Ra>80	Ø130	0.6
05111.14.40.023	19	1800	45°	4000	Ra>80	Ø130	0.6

118 DARKPIT

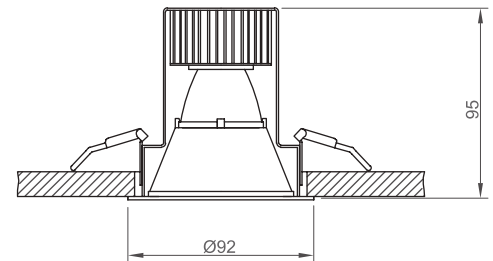


Color Options

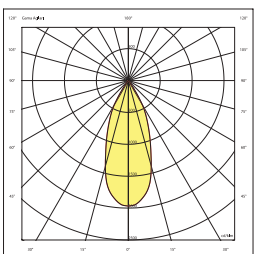
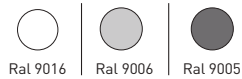


Order Code	W	Lm	Beam Angle	CCT	CRI	Cut-out (mm)	Kg
05111.11.30.015	14	1250	45°	3000	Ra>80	Ø105	0.5
05111.11.40.015	14	1350	45°	4000	Ra>80	Ø105	0.5

090 DARKPIT

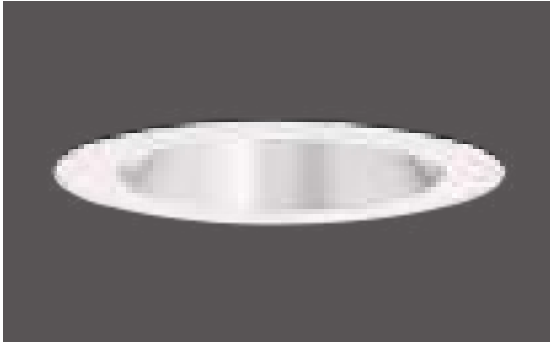


Color Options

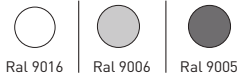


Order Code	W	Lm	Beam Angle	CCT	CRI	Cut-out (mm)	Kg
05111.09.30.010	10	900	45°	3000	Ra>80	Ø82	0.3
05111.09.40.011	10	950	45°	4000	Ra>80	Ø82	0.3

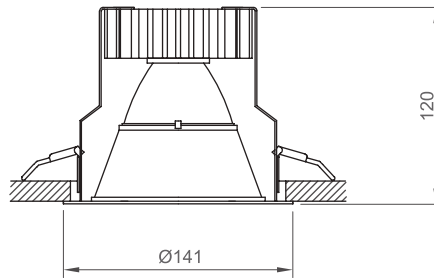
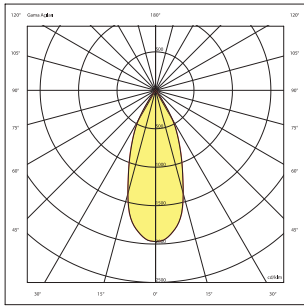
SILVERPIT 140



Color Options

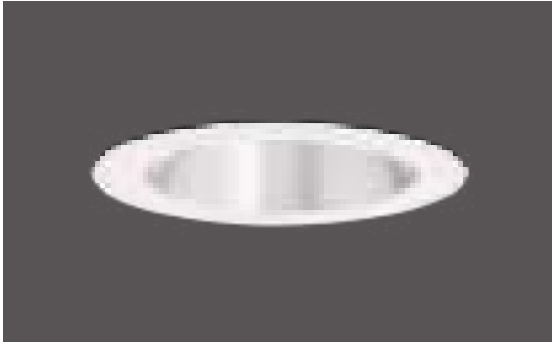


Housing	Electrostatic coated steel frame and aluminum heatsink
Reflector	Highly efficient vacuumed aluminum coated PC reflector and deglaring diffuser combined with thermoplastic reflector (UGR<16)
Light Source	High efficacy COB LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Order Code	W	Lm	Beam Angle	CCT	CRI	Cut-out (mm)	Kg
05113.14.30.022	19	1800	45°	3000	Ra>80	Ø130	0.6
05113.14.40.023	19	1900	45°	4000	Ra>80	Ø130	0.6

118 SILVERPIT



Color Options



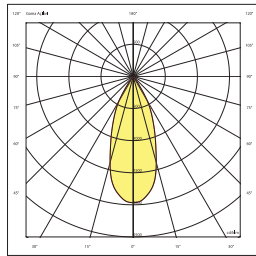
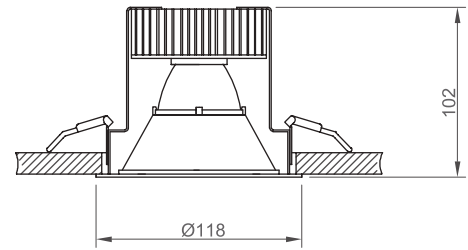
Ral 9016



Ral 9006



Ral 9005



Order Code	W	Lm	Beam Angle	CCT	CRI	Cut-out (mm)	Kg
05113.11.30.014	14	1300	45°	3000	Ra>80	Ø105	0.5
05113.11.40.015	14	1400	45°	4000	Ra>80	Ø105	0.5

090 SILVERPIT



Color Options



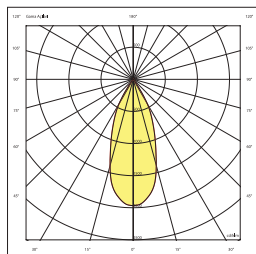
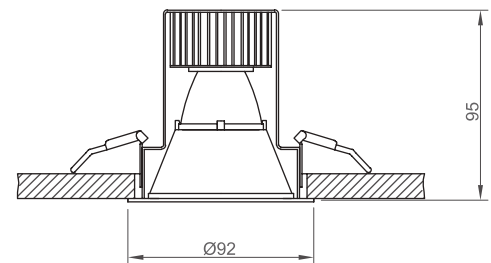
Ral 9016



Ral 9006



Ral 9005



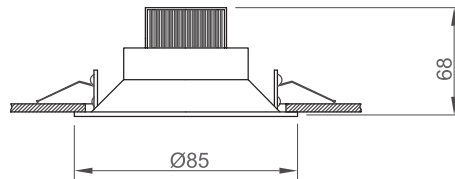
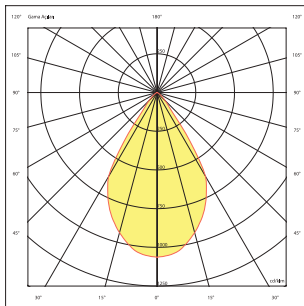
Order Code	W	Lm	Beam Angle	CCT	CRI	Cut-out (mm)	Kg
05111.09.30.010	10	950	45°	3000	Ra>80	Ø82	0.3
05111.09.40.011	10	1000	45°	4000	Ra>80	Ø82	0.3





Housing	Die-cast aluminum with electrostatic coating
Reflector	Vacuumed aluminum coated PC reflector, clear lens
Light Source	High efficacy COB LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit

Color Options



Order Code	W	Lm	Beam Angle	CCT	CRI	Cut-out (mm)	Kg
05321.08.30.006	7	650	60°	3000	Ra>80	Ø75	0,2
05321.08.30.010	11	1000	60°	3000	Ra>80	Ø75	0,2
05321.08.40.007	7	700	60°	4000	Ra>80	Ø75	0,2
05321.08.40.011	11	1100	60°	4000	Ra>80	Ø75	0,2

CELL

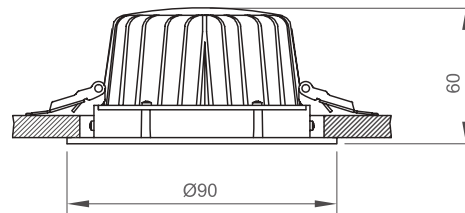
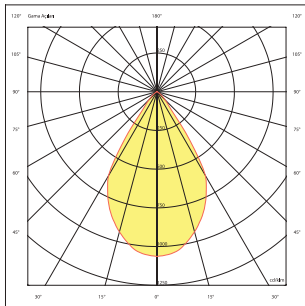


Color Options



Ral 9016

Housing	Die-cast aluminum with electrostatic coating
Reflector	Vacuumed aluminum coated PC reflector, clear lens
Light Source	High efficacy COB LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Order Code	W	Lm	Beam Angle	CCT	CRI	Cut-out (mm)	Kg
05324.09.30.007	7	670	55°	3000	Ra>80	80	0.2
05324.09.30.010	11	1000	55°	3000	Ra>80	80	0.2
05324.09.40.007	7	700	55°	4000	Ra>80	80	0.2
05324.09.40.011	11	1100	55°	4000	Ra>80	80	0.2



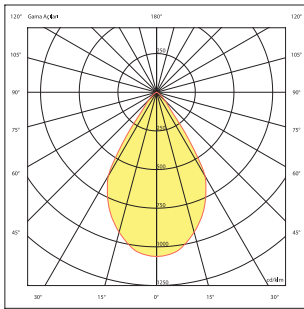
DROP



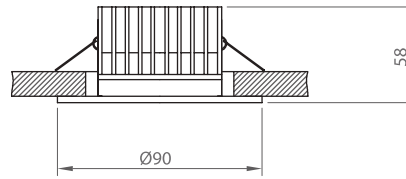
Color Options



Ral 9016



Housing	Die-cast aluminum with electrostatic coating
Reflector	Glossary anodized aluminum reflector
Glass	Clear tempered glass
Light Source	High efficacy COB LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Order Code	W	Lm	Beam Angle	CCT	CRI	Cut-out (mm)	Kg
05378.90.30.007	7	670	60°	3000	Ra>80	Ø75	0.6
05378.90.30.010	12	1000	60°	3000	Ra>80	Ø75	0.6
05378.90.40.007	7	700	60°	4000	Ra>80	Ø75	0.6
05378.90.40.010	12	1050	60°	4000	Ra>80	Ø75	0.6



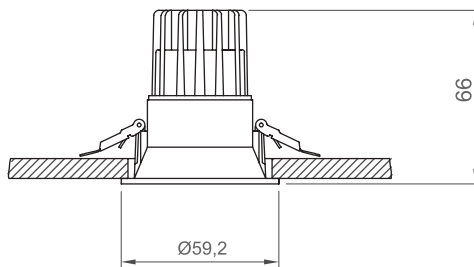
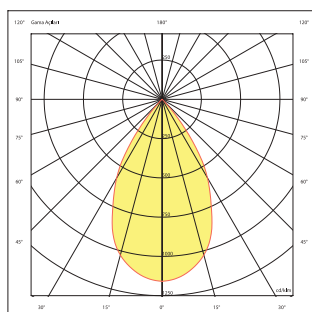


Housing	Die-cast aluminum with electrostatic coating
Reflector	Optic lens
Light Source	High efficacy COB LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-25C°/+40C°
Options	Dali 3 hour emergency lighting kit

Color Options



Ral 9016



Order Code	W	Lm	Beam Angle	CCT	CRI	Cut-out (mm)	Kg
05112.06.30.006	6	570	38°	3000	Ra>80	Ø55	0,1
05112.06.40.006	6	620	38°	4000	Ra>80	Ø55	0,1





HOLLOW

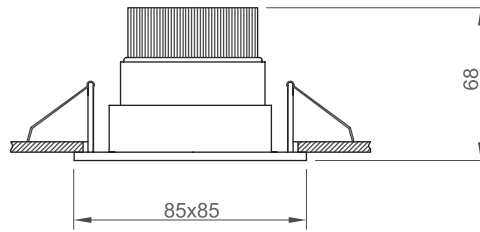
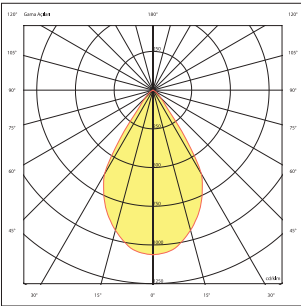


Color Options



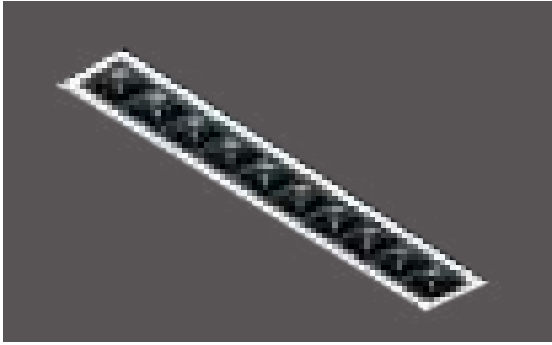
Ral 9016

Housing	Die-cast aluminum with electrostatic coating
Reflector	Vacuumed aluminum coated PC reflector, clear lens
Light Source	High efficacy COB LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-25C°/+40C°
Options	Dali 3 hour emergency lighting kit



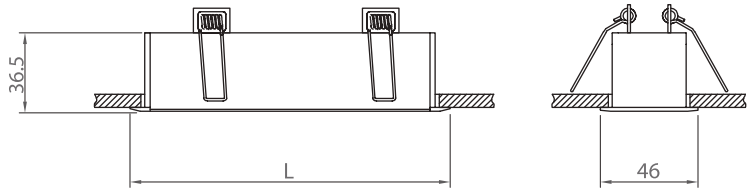
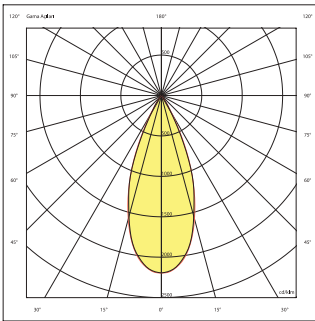
Order Code	W	Lm	Beam Angle	CCT	CRI	Cut-out (mm)	Kg
05318.88.30.007	7	650	60°	3000	Ra>80	75x75	0.2
05318.88.30.011	11	1000	60°	3000	Ra>80	75x75	0.2
05318.88.40.007	7	700	60°	4000	Ra>80	75x75	0.2
05318.88.40.011	11	1100	60°	4000	Ra>80	75x75	0.2

STYLED



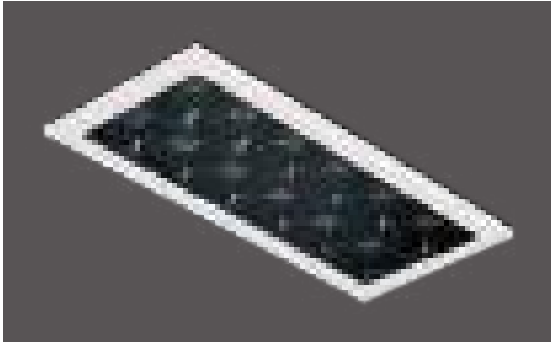
Housing	Extruded aluminum profile with electrostatic coating
Reflector	Highly efficient vacuumed aluminum coated PC reflector and deglaring diffuser combined with thermoplastic reflector (UGR<16)
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit

Color Options



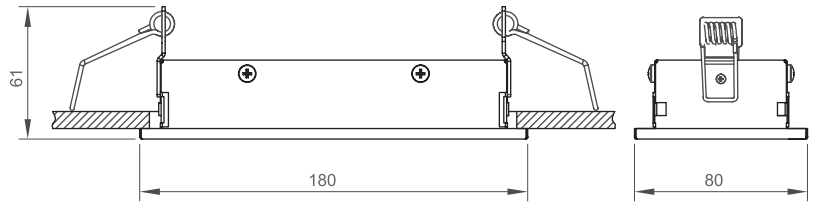
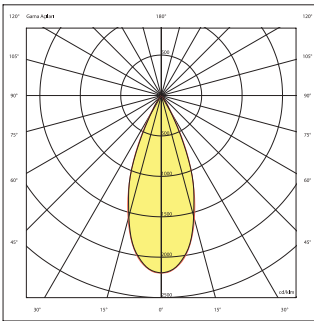
Order Code	W	Lm	Beam Angle	CCT	CRI	L	Cut-out (mm)	Kg
05249.16.30.004	11	1100	36°	3000	Ra>80	150	142x38	0,3
05249.16.40.005	22	2200	36°	4000	Ra>80	285	278x38	0,6
05249.16.40.005	11	1200	36°	4000	Ra>80	150	142x38	0,3
05249.16.40.005	22	2400	36°	4000	Ra>80	285	278x38	0,6

STYLED-W



Housing	Electrostatic coated steel sheet
Reflector	Highly efficient vacuumed aluminum coated PC reflector and deglaring diffuser combined with thermoplastic reflector (UGR<17)
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit

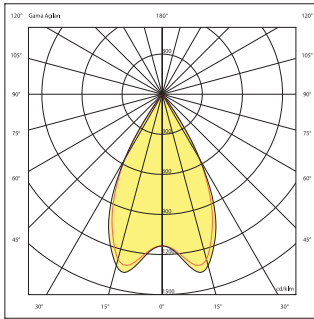
Color Options



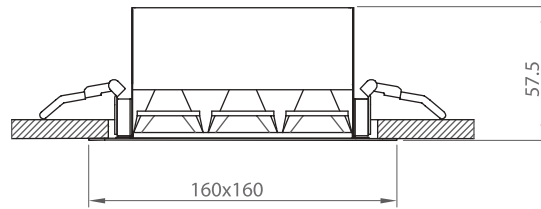
Order Code	W	Lm	Beam Angle	CCT	CRI	Cut-out (mm)	Kg
05249.18.30.013	9	970	36°	3000	Ra>80	170x70	0,5
05249.18.40.015	9	1020	36°	4000	Ra>80	170x70	0,5



Color Options

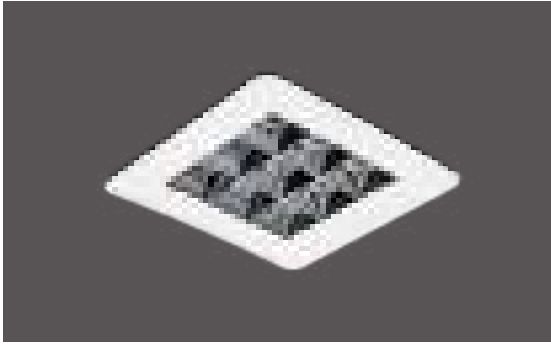


Housing	Electrostatic coated steel sheet and aluminum heatsink
Reflector	Highly efficient vacuumed aluminum coated PC reflector and deglaring diffuser combined with thermoplastic reflector (UGR<17)
Light Source	MacAdam Step-3 high efficacy High Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Order Code	W	Lm	Beam Angle	CCT	CRI	Cut-out (mm)	Kg
05243.14.30.030	32	3040	50°	3000	Ra>80	150x150	1,0
05243.14.40.031	31	3200	50°	4000	Ra>80	150x150	1,0

JEVEL MINI



Color Options



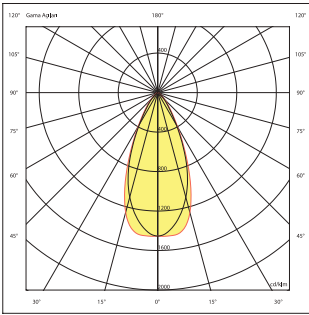
Ral 9016



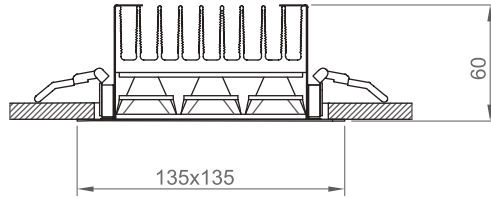
Ral 9006



Ral 9005



Housing	Electrostatic coated steel sheet and aluminum heatsink
Reflector	Highly efficient vacuumed aluminum coated PC reflector and deglaring diffuser combined with thermoplastic reflector (UGR<17)
Light Source	MacAdam Step-3 high efficacy High Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Order Code	W	Lm	Beam Angle	CCT	CRI	Cut-out (mm)	Kg
05245.18.30.021	20	1740	50°	3000	Ra>80	120X120	0,8
05245.18.40.022	20	1830	50 °	4000	Ra>80	120X120	0,8

TETRAD 085

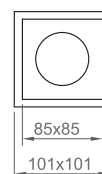
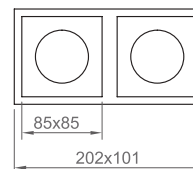
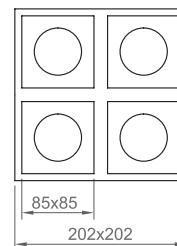
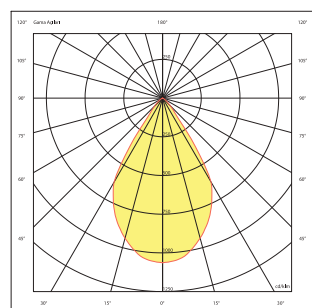
For 85x85 Louvre Suspended Ceilings



Color Options



Housing	Electrostatic coated steel sheet
Light Source	LED lamp with GU type lampholder
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°



Order Code	W	Lm	Beam Angle	CCT	CRI	Cut-out (mm)	Kg
52018.160.001	4x4,5	4x355	36°	3000	Ra>80	4x85	0,9
52018.260.001	2x4,5	2x355	36°	3000	Ra>80	2x85	0,4
52018.460.001	1x4,5	1x355	36°	3000	Ra>80	1x85	0,2

For more updated information, please visit our website. www.ikizlerlighting.com

Lamp information is obtained from the manufacturer. Lamp's characteristics are subjected to change. Please contact us for detailed information.



TETRAD 060

60x60 Petek asma tavanlar için



Housing	Electrostatic coated steel sheet
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°

Color Options



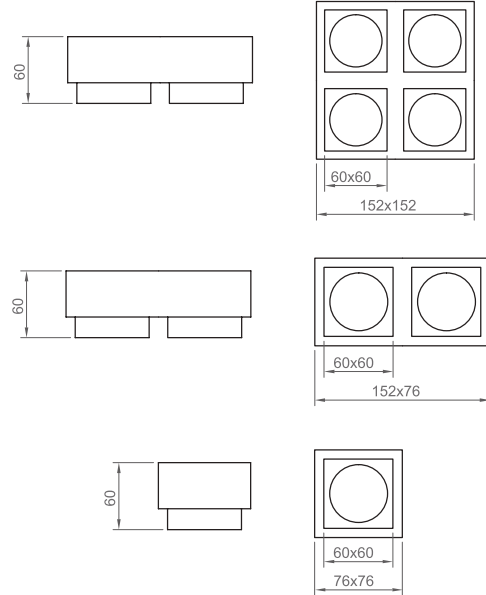
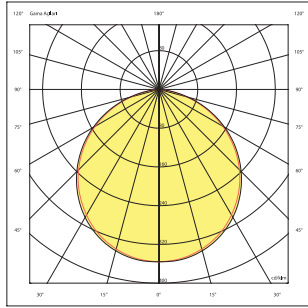
Ral 9016



Ral 9006

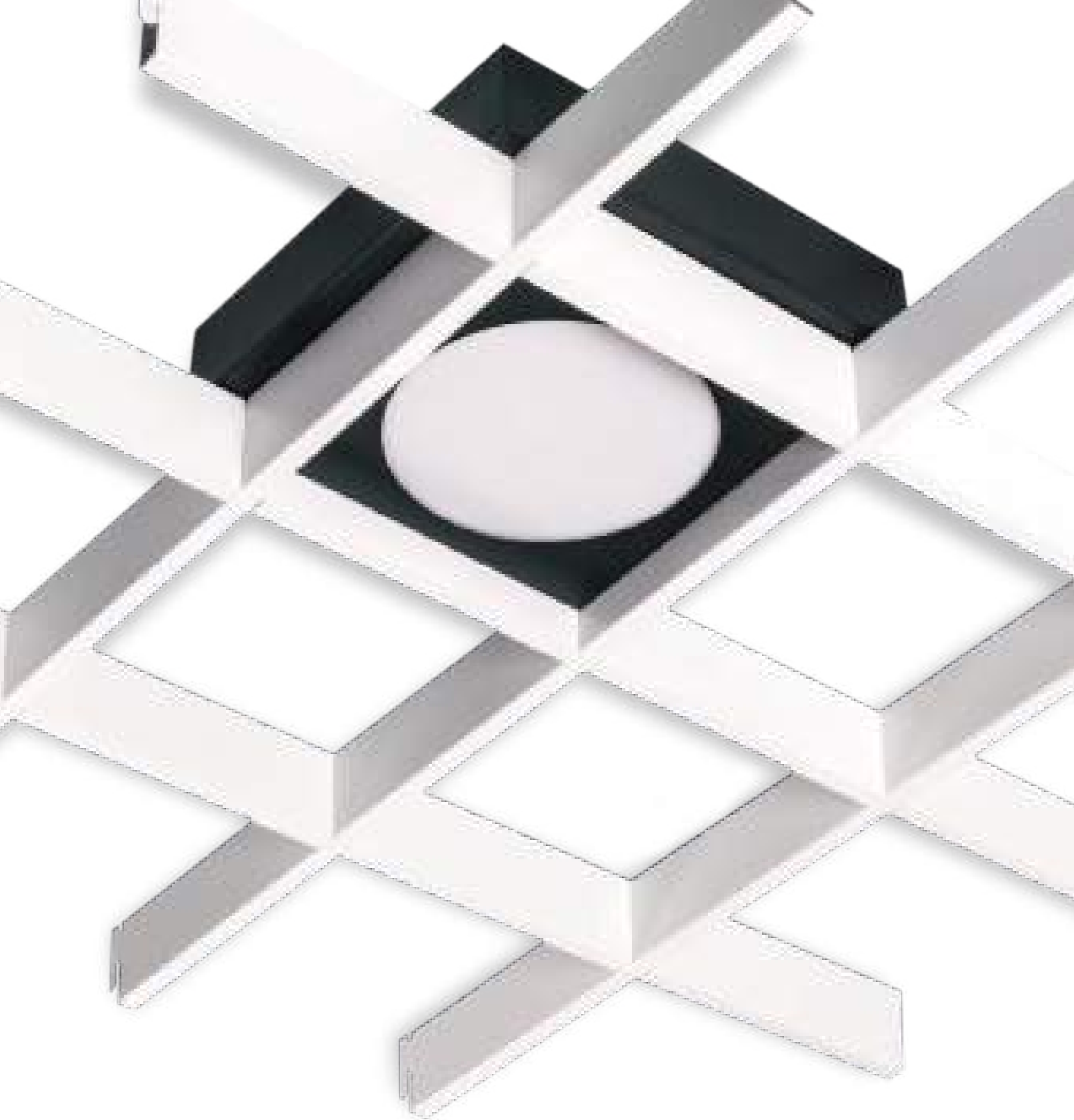


Ral 9005



Order Code	W	Lm	CCT	CRI	Cut-out (mm)	Kg
05348.22.30.010	14	1000	3000	Ra>80	4x60	0,5
05348.22.30.005	7	500	3000	Ra>80	2x60	0,3
05348.22.30.002	3,5	250	3000	Ra>80	1x60	0,2
05348.22.40.010	14	1000	3000	Ra>80	4x60	0,5
05348.22.40.005	7	500	3000	Ra>80	2x60	0,3
05348.22.40.002	3,5	250	3000	Ra>80	1x60	0,2





For 140x140 Louvre Suspended Ceilings

TETRAD 140



Color Options



Ral 9016

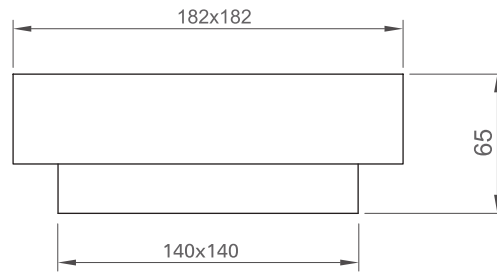
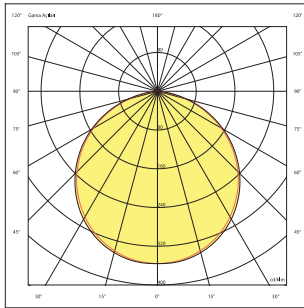


Ral 9006



Ral 9005

Housing	Electrostatic coated steel sheet
Optics	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit

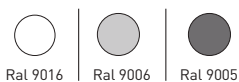


Order Code	W	Lm	CCT	CRI	Cut-out (mm)	Kg
05347.22.30.011	10	1100	3000	Ra>80	142x142	0.8
05347.22.40.013	10	1300	4000	Ra>80	142x142	0.8

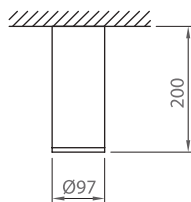
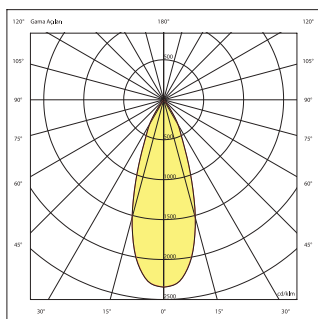
MODUS-T



Color Options



Housing	Extruded aluminum profile with electrostatic coating
Reflector	Glossary anodized aluminum reflector
Light Source	High efficacy COB LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°



Order Code	W	Lm	Beam Angle	CCT	CRI	Kg
05648.97.30.013	14	1560	36°	3000	Ra>80	0,8
05648.97.30.018	19	2110	36°	3000	Ra>80	0,9
05648.97.40.014	14	1640	36°	4000	Ra>80	0,8
05648.97.40.019	19	2220	36°	4000	Ra>80	0,9

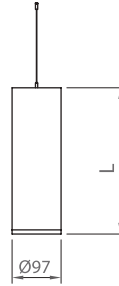
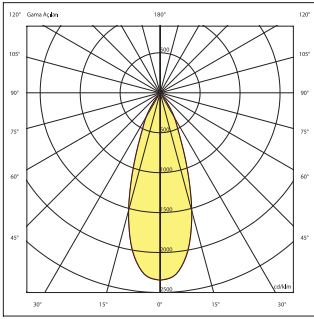
MODUS-S



Color Options



Housing	Extruded aluminum profile with electrostatic coating
Reflector	Glossary anodized aluminum reflector
Light Source	High efficacy COB LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°



Order Code	W	Lm	Beam Angle	CCT	CRI	L	Kg
05648.97.30.018	14	1560	36°	3000	Ra>80	241	1,6
05648.97.30.027	19	2110	36°	3000	Ra>80	400	1,6
05648.97.40.019	14	1640	36°	3000	Ra>80	241	1,6
05648.97.40.028	19	2220	36°	4000	Ra>80	400	1,6

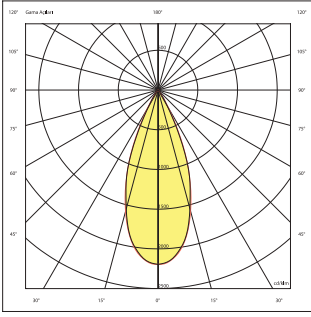


5 | **RECESSED LIGHTING**

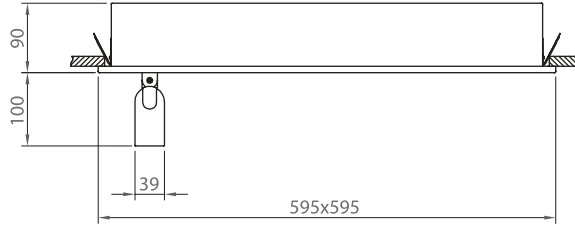
DUET SHORT



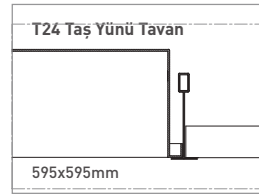
Color Options



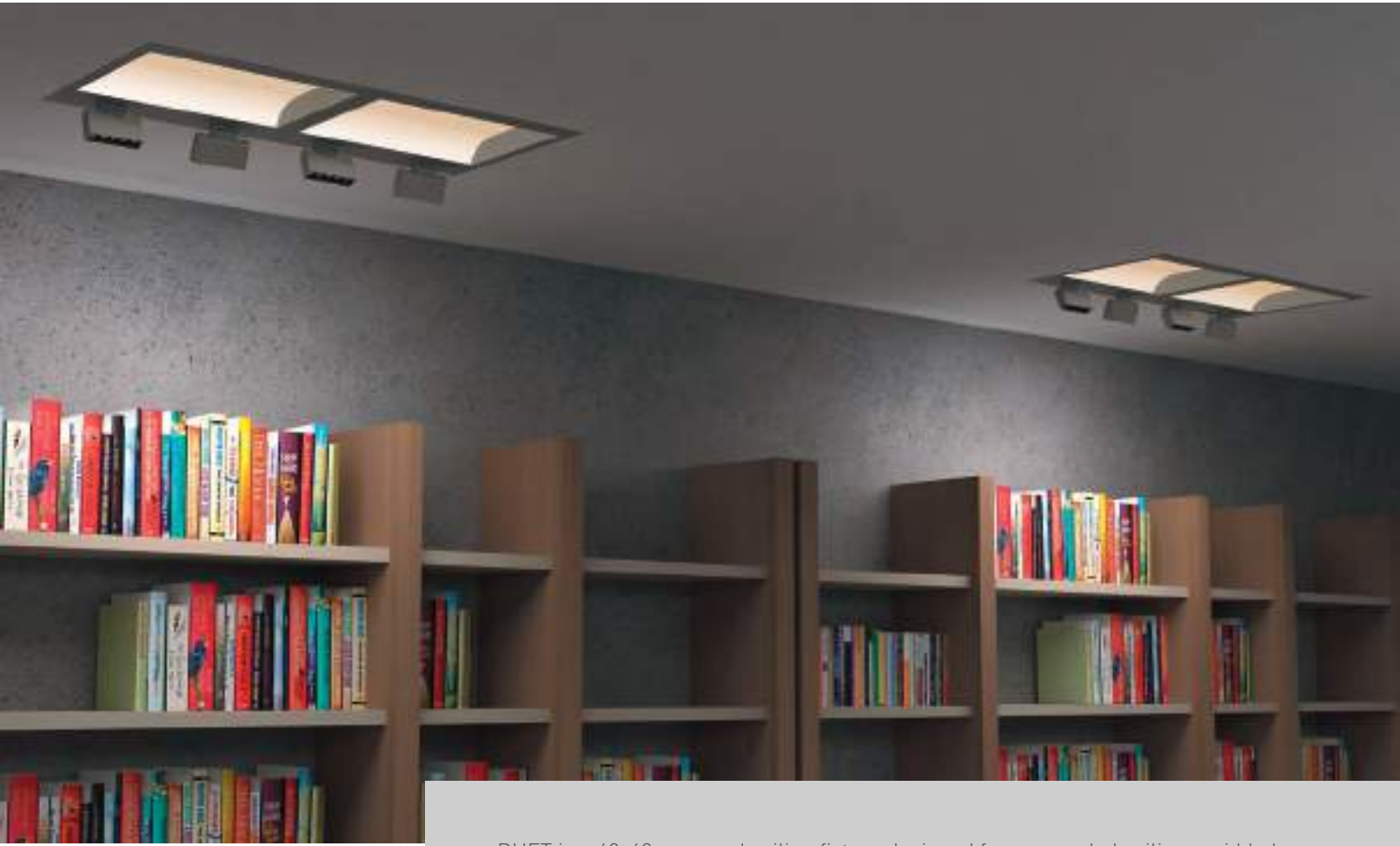
Housing	Electrostatic coated steel sheet, spot: aluminum profile
Diffuser	Endirek Diffuser, Highly transmissive opal diffuser
Reflector	Highly efficient vacuumed aluminum coated PC reflector and deglaring diffuser combined with thermoplastic reflector (UGR<16)
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Tavan Tipi-Montaj Ölçüsü



Order Code	W	Lm	Beam Angle	CCT	CRI	Kg
02128.66.30.029	50	3970	48°	3000	Ra>80	5,5
02128.66.40.030	50	4180	48°	4000	Ra>80	5,5



DUET is a 60x60 recessed ceiling fixture designed for suspended ceilings gridded or not, supplying both spot light and general light. In offices, you may want to use different products serving for different functions, spreading them on the ceiling that causes visual crowd unintentionally. DUET reduces this caotic view of ceilings, using these two functions in the same body, which can be lit at the same time or gradually switched as desired.

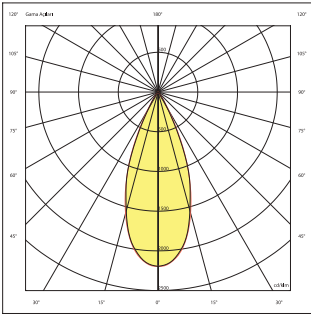
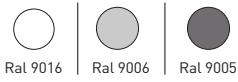
The curved translucent acrylic surface used as reflector provides smooth, undisturbing indirect lighting, arranging the general illumination. Direct lighting offers two linear-spot light options, 16cm and 48cm, which have slim forms thanks to LED light sources. These are adjustable in direction, so are used as exhibiton lighting for paintings, posters, sculptures and as library lighting. Detachability makes them adaptable to different scenarios and renewable. They can also be used individually on tracks, offering a wide variety of use.

Design: Ece Yalım Design Studio

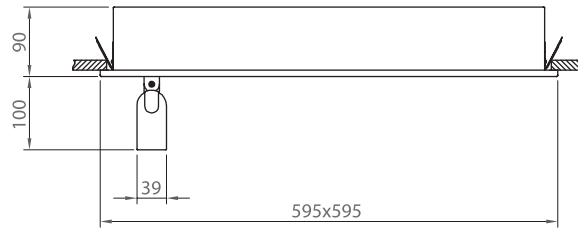
DUET LONG



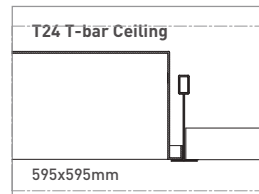
Color Options



Housing	Electrostatic coated steel sheet, spot: aluminum profile
Diffuser	Endirek Diffuser, Highly transmissive opal diffuser
Reflector	Highly efficient vacuumed aluminum coated PC reflector and deglaring diffuser combined with thermoplastic reflector (UGR<16)
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Ceiling Type-Cut-out



Order Code	W	Lm	Beam Angle	CCT	CRI	Kg
02128.66.30.044	54	4400	48°	3000	Ra>80	5,5
02128.66.40.046	54	4640	48°	4000	Ra>80	5,5



DUET is a 60x60 recessed ceiling lighting fixture supplying both spot light and general lighting. It reduces chaotic view of ceilings using two functions in the same body which are used sometimes at the same time or separately for different purposes.

Design: Ece Yalım Design Studio

NOON MAXI



Color Options



Ral 9016

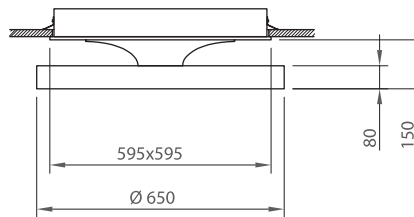
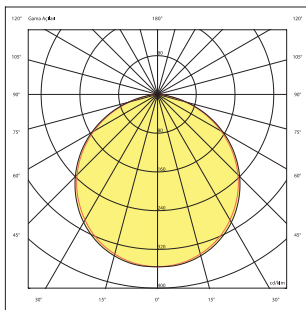


Ral 9006

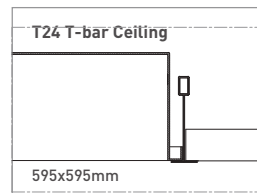


Ral 9005

Housing	Aluminum profile with electrostatic coating
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+50C°
Options	Dali 3 hour emergency lighting kit



Ceiling Type-Cut-out



Order Code	W	Lm	CCT	CRI	Kg
02137.60.30.045	46	4150	3000	Ra>80	7,1
02137.60.40.046	46	4370	4000	Ra>80	7,1



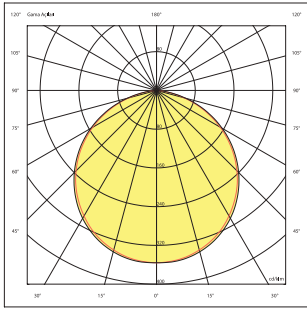
NOON is designed to provide a distinctive decorative appearance without compromising the quality of illumination, with respect to the existing conventional recessed lighting fixtures mounted on standard 60x60 gridded ceilings which are still widely used in office spaces.

Design: Ece Yalım Design Studio

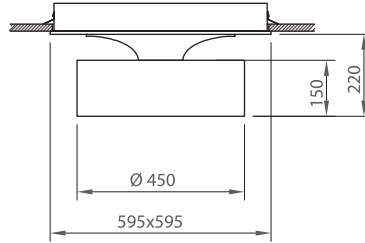




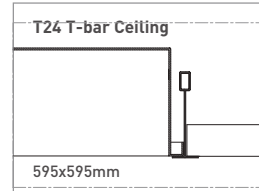
Color Options



Housing	Aluminum profile with electrostatic coating
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+50C°
Options	Dali 3 hour emergency lighting kit



Ceiling Type-Cut-out



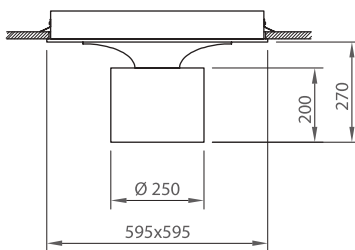
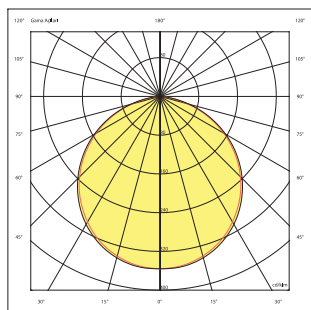
Order Code	W	Lm	CCT	CRI	Kg
02137.45.30.034	35	3158	3000	Ra>80	5,0
02137.45.40.035	35	3325	4000	Ra>80	5,0



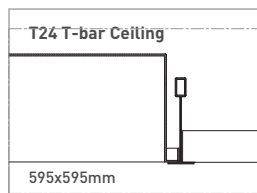
Color Options



Housing	Aluminum profile with electrostatic coating
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+50C°
Options	Dali 3 hour emergency lighting kit



Ceiling Type-Cut-out



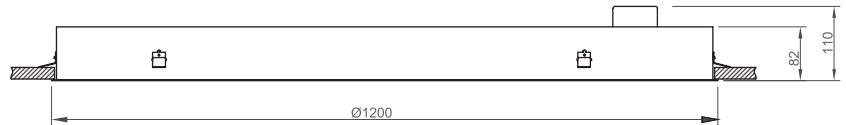
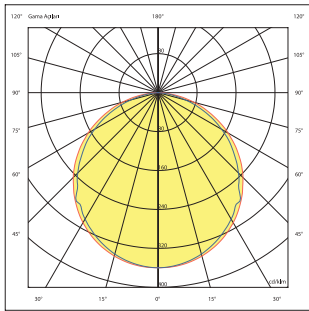
Order Code	W	Lm	CCT	CRI	Kg
02137.25.30.017	18	1625	3000	Ra>80	3,0
02137.25.40.018	18	1710	4000	Ra>80	3,0

CORVUS-G 1200



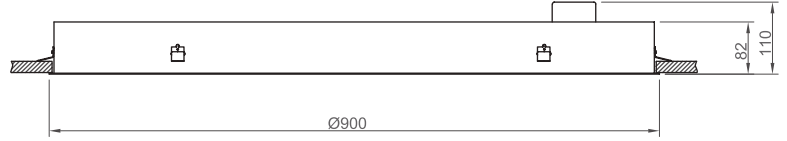
Housing	Aluminum profile with electrostatic coating
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit

Color Options

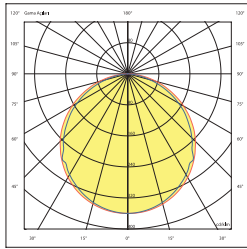


Order Code	W	Lm	CCT	CRI	Cut-out (mm)	Kg
02130.12.30.092	96	8665	3000	Ra>80	Ø1190	6,8
02130.12.40.097	96	9120	4000	Ra>80	Ø1190	6,8

900 CORVUS-G

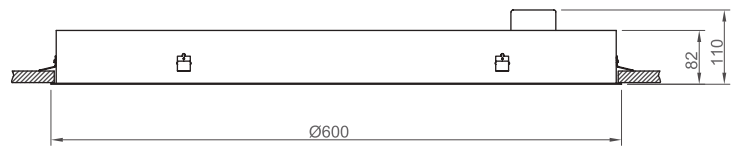


Color Options

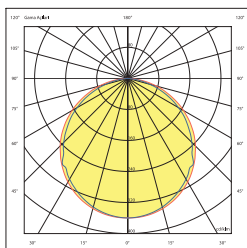


Order Code	W	Lm	CCT	CRI	Cut-out (mm)	Kg
02130.90.30.065	69	6220	3000	Ra>80	Ø890	5,6
02130.90.40.069	69	6550	4000	Ra>80	Ø890	5,6

600 CORVUS-G



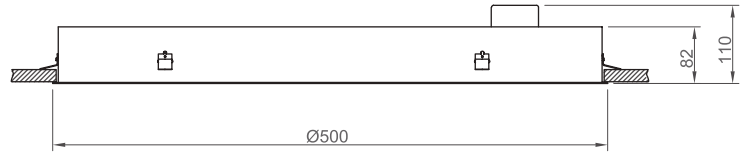
Color Options



Order Code	W	Lm	CCT	CRI	Cut-out (mm)	Kg
02130.60.30.045	47	4240	3000	Ra>80	Ø590	3,4
02130.60.40.047	47	4460	4000	Ra>80	Ø590	3,4



500 CORVUS-G



Color Options



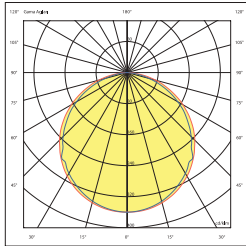
Ral 9016



Ral 9006

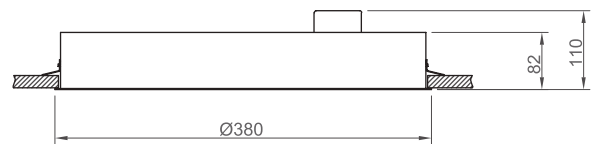


Ral 9005



Order Code	W	Lm	CCT	CRI	Cut-out (mm)	Kg
02130.50.30.036	38	3430	3680	Ra>80	Ø490	3,2
02130.50.40.039	38	3610	4890	Ra>80	Ø590	3,2

380 CORVUS-G



Color Options



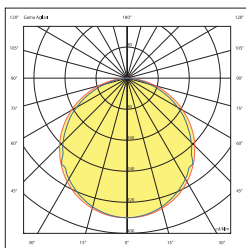
Ral 9016



Ral 9006

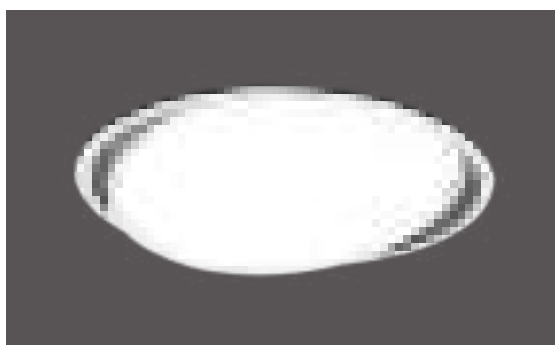


Ral 9005



Order Code	W	Lm	CCT	CRI	Cut-out (mm)	Kg
02130.38.30.021	20	1800	3000	Ra>80	Ø370	2,1
02130.38.40.022	20	1900	4000	Ra>80	Ø370	2,1

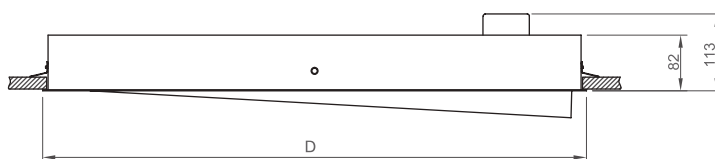
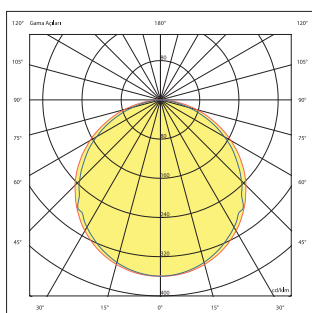
ROLLING



Color Options



Housing	Aluminum profile with electrostatic coating
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit

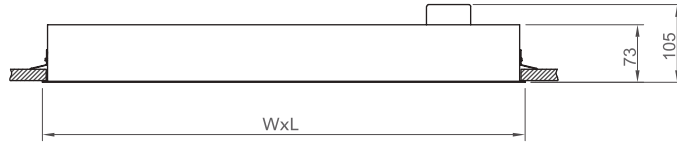
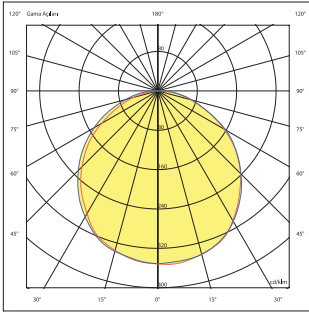
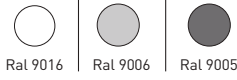


Order Code	W	Lm	CCT	CRI	D	Cut-out (mm)	Kg
03170.38.30.023	23	2075	3000	Ra>80	Ø380	Ø370	4,6
03170.38.40.024	23	2185	4000	Ra>80	Ø380	Ø370	4,6
03170.60.30.042	41	3700	3000	Ra>80	Ø600	Ø590	7,2
03170.60.40.043	41	3900	4000	Ra>80	Ø600	Ø590	7,2

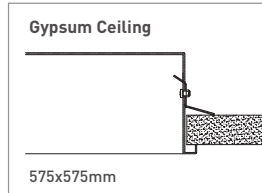


Housing	Electrostatic coated steel sheet
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit

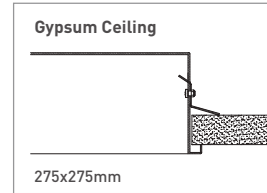
Color Options



Ceiling Type-Cut-out



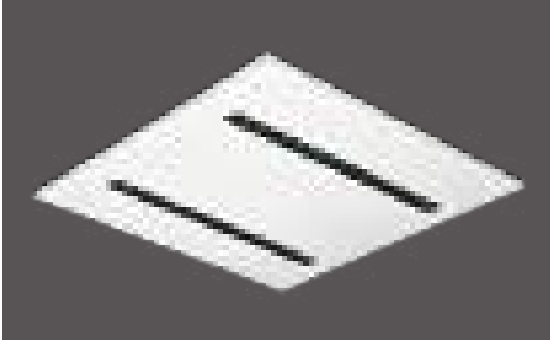
02121.66..



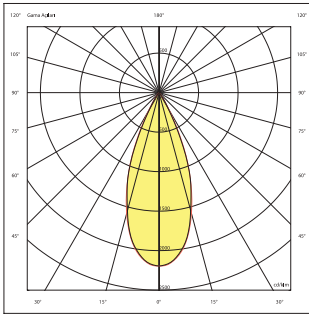
02120.33..

Order Code	W	Lm	CCT	CRI	W x L (mm)	Kg
02121.66.30.032	31	3200	3000	Ra>80	595x595	4,1
02120.33.30.008	9	800	3000	Ra>80	295x295	2,1
02121.66.40.033	31	3300	4000	Ra>80	595x595	4,1
02120.33.40.009	9	850	4000	Ra>80	295x295	2,1

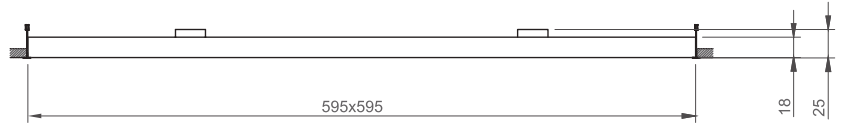
DARKLINE



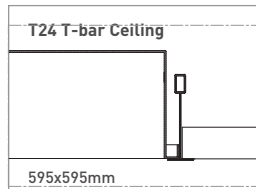
Color Options



Housing	Electrostatic coated steel sheet
Reflector	Highly efficient, aluminum coated, vacuumed PC reflector and deglaring (UGR<17)
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Ceiling Type-Cut-out



Order Code	W	Lm	Açı	CCT	CRI	Kg
02173.66.30.029	27	2950	80°	3000	Ra>80	3,9
02173.66.40.030	27	3080	80°	4000	Ra>80	3,9



Color Options



Ral 9016

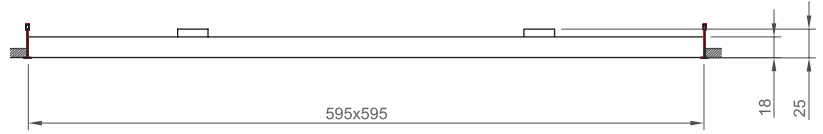
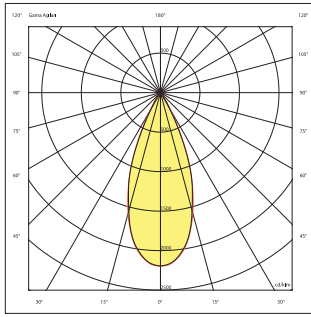


Ral 9006

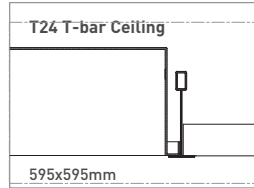


Ral 9005

Housing	Electrostatic coated steel sheet
Reflector	Highly efficient, aluminum coated, vacuumed PC reflector and deglaring (UGR<17)
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit

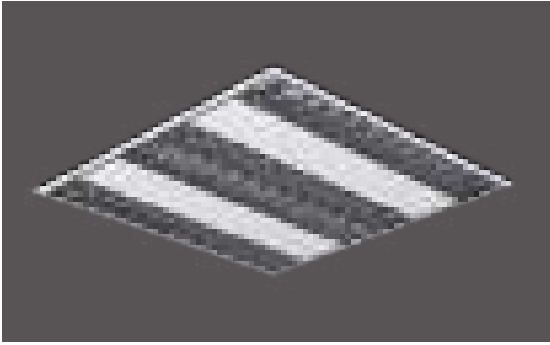


Ceiling Type-Cut-out



Order Code	W	Lm	Açı	CCT	CRI	Kg
02174.66.30.029	27	2950	36°	3000	Ra>80	3,9
02174.66.40.030	27	3080	36°	4000	Ra>80	3,9

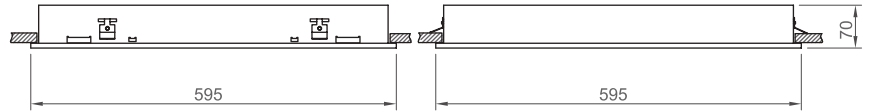
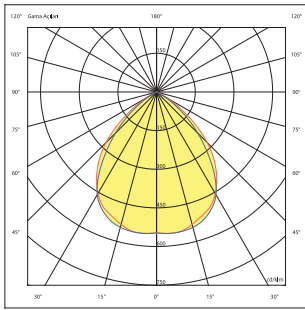
GLARE-G



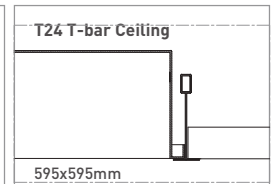
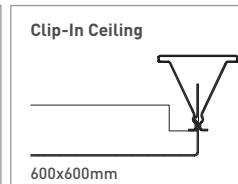
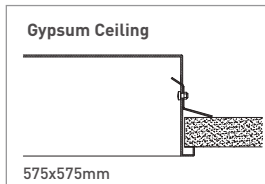
Color Options



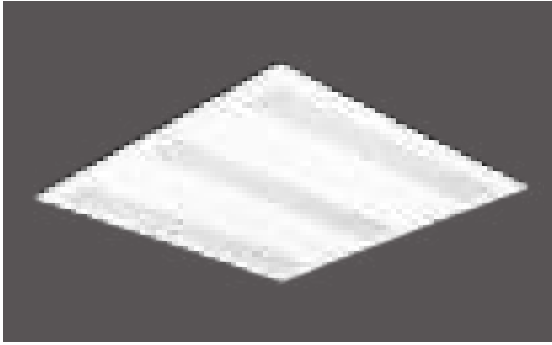
Housing	Electrostatic coated steel sheet
Optics	Highly transmissive opal diffuser
Reflector	Deglaring, glossary aluminum reflector (UGR>19)
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



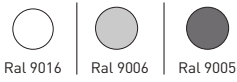
Ceiling Type-Cut-out



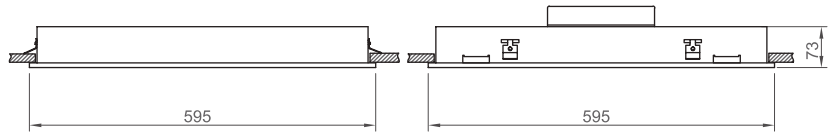
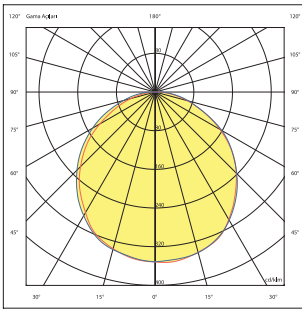
Order Code	W	Lm	CCT	CRI	Kg
02500.66.30.028	35	3135	3000	Ra>80	4,5
02500.66.40.030	35	3300	4000	Ra>80	4,5



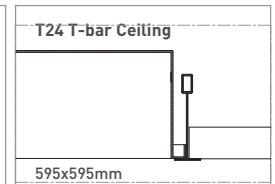
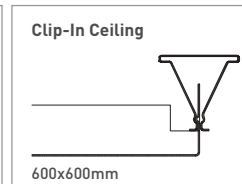
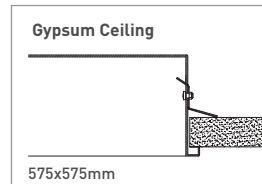
Color Options



Housing	Electrostatic coated steel sheet
Optics	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Ceiling Type-Cut-out

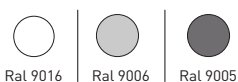


Order Code	W	Lm	CCT	CRI	Kg
02150.66.30.022	29	2300	3000	Ra>80	3,9
02150.66.30.031	41	3300	3000	Ra>80	3,9
02150.66.40.023	29	2450	4000	Ra>80	3,9
02150.66.40.032	41	3500	4000	Ra>80	3,9

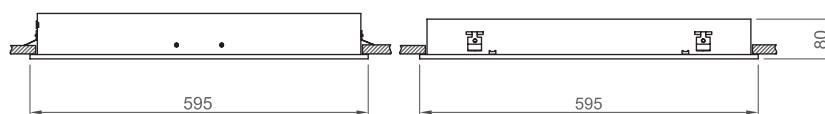
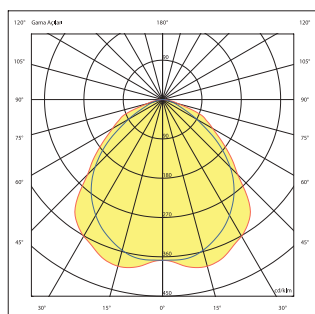
DOME-G Direct Indirect Luminaire



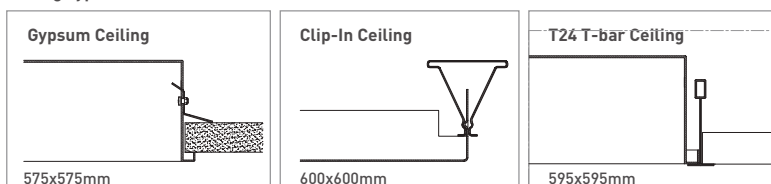
Color Options



Housing	Electrostatic coated steel sheet
Diffuser	Electrostatic coated perforated steel reflector with electrostatic coated steel sheet on the back and opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



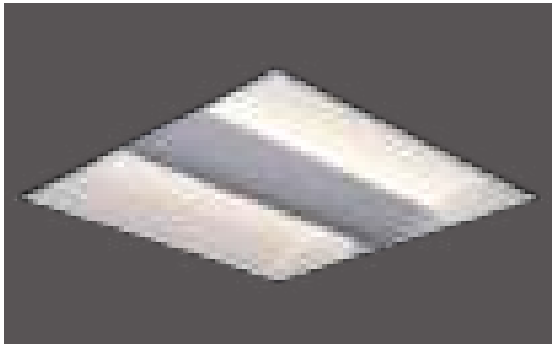
Ceiling Type-Cut-out



Order Code	W	Lm	CCT	CRI	Kg
02115.66.30.023	29	2320	3000	Ra>80	4,7
02115.66.30.031	41	3170	3000	Ra>80	4,7
02115.66.30.052	60	5280	3000	Ra>80	4,7
02115.66.40.024	29	2450	4000	Ra>80	4,7
02115.66.40.042	41	3360	4000	Ra>80	4,7
02115.66.30.041	60	5600	4000	Ra>80	4,7

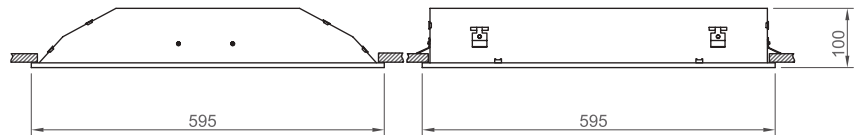
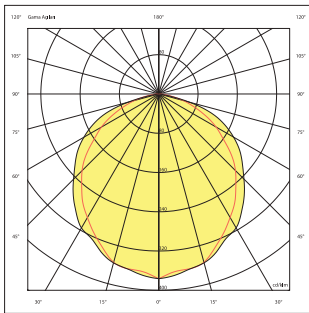
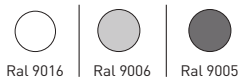


SECTION Indirect Luminaire

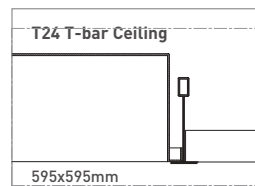


Housing	Electrostatic coated steel sheet
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit

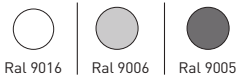
Color Options



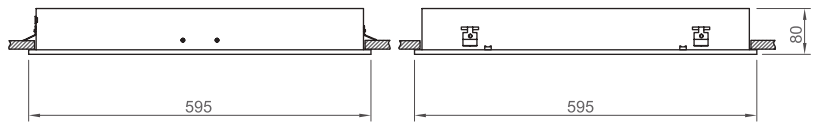
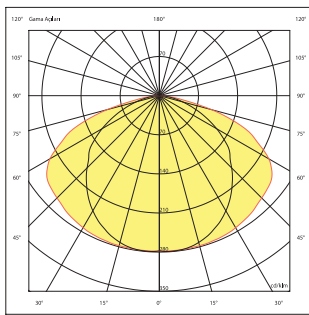
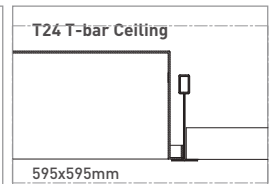
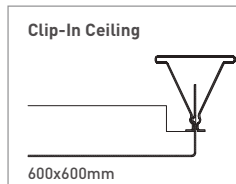
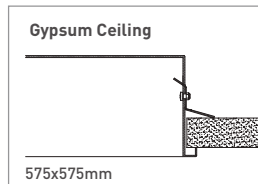
Ceiling Type-Cut-out



Order Code	W	Lm	CCT	CRI	Kg
02113.66.30.028	40	2430	3000	Ra>80	4,5
02113.66.40.029	40	2570	4000	Ra>80	4,5


Color Options


Housing	Electrostatic coated steel sheet
Diffuser	Electrostatic coated steel reflector with electrostatic coated steel sheet on the back
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit


Ceiling Type-Cut-out


Order Code	W	Lm	CCT	CRI	Kg
02145.66.30.020	27	1700	3000	Ra>80	4.2
02145.66.30.024	40	2730	3000	Ra>80	4.2
02145.66.40.019	27	1800	4000	Ra>80	4.2
02145.66.40.029	40	2890	4000	Ra>80	4.2

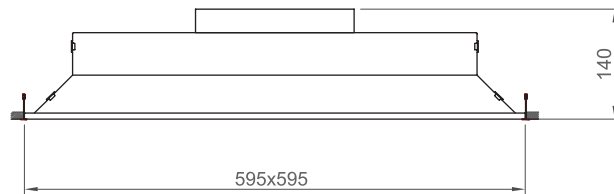
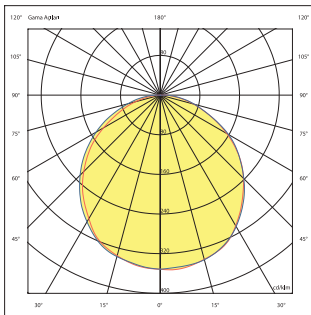
BALIO-G



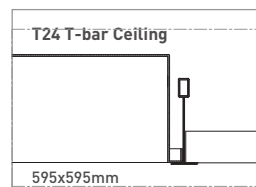
Color Options



Housing	Electrostatic coated steel sheet
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Ceiling Type-Cut-out



Order Code	W	Lm	CCT	CRI	Kg
02112.66.30.032	28	3200	3000	Ra>80	3,2
02112.66.30.036	33	3600	3000	Ra>80	3,2
02112.66.40.033	28	3350	4000	Ra>80	3,2
02112.66.40.037	33	3700	4000	Ra>80	3,2



Color Options



Ral 9016

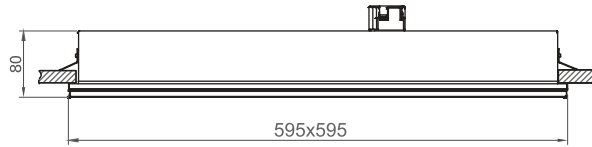
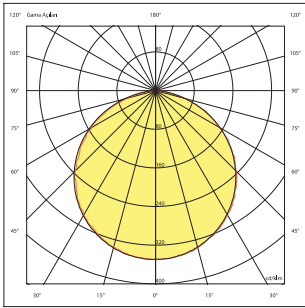


Ral 9006

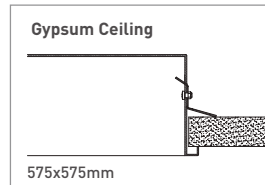


Ral 9005

Housing	Electrostatic coated steel sheet
Optics	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit

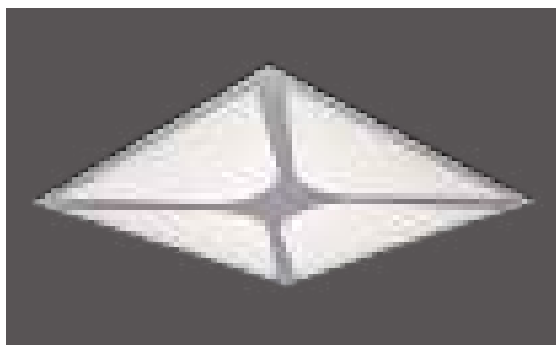


Ceiling Type-Cut-out



Order Code	W	Lm	CCT	CRI	Kg
02119.66.30.032	33	3200	3000	Ra>80	4,1
02119.66.40.034	33	3350	4000	Ra>80	4,1

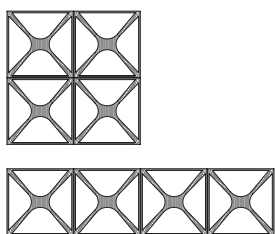
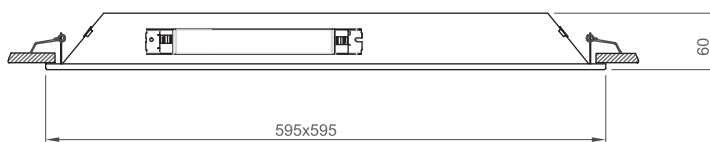
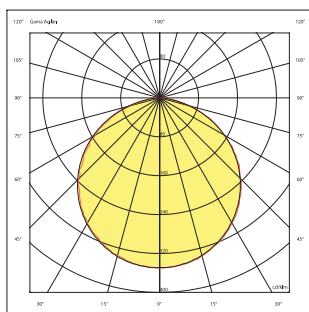
BRAID



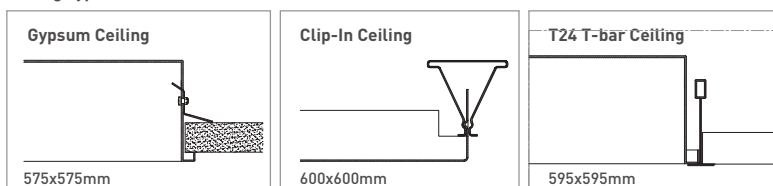
Color Options



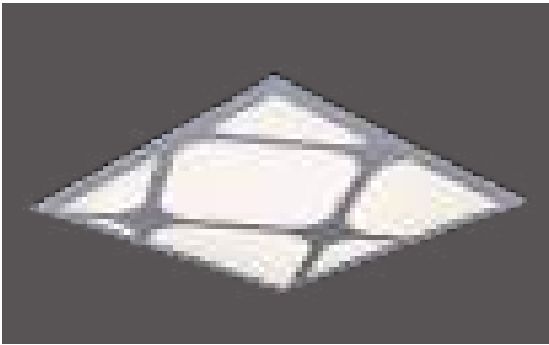
Housing	Electrostatic coated steel sheet
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Ceiling Type-Cut-out



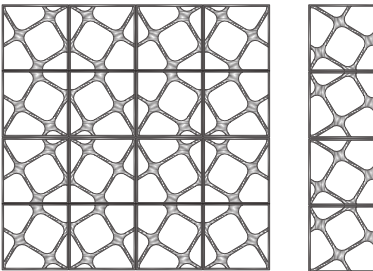
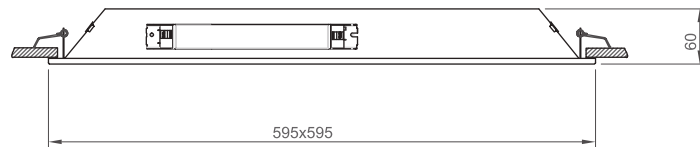
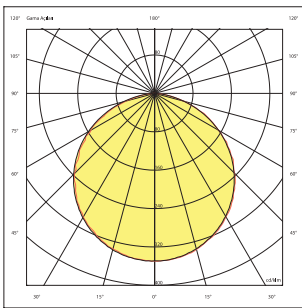
Order Code	W	Lm	CCT	CRI	Kg
02176.66.30.029	28	2930	3000	Ra>80	4,1
02176.66.40.031	28	3100	4000	Ra>80	4,1



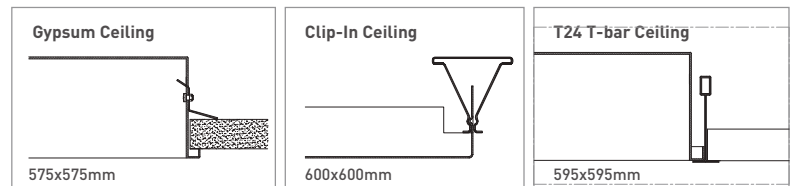
Color Options



Housing	Electrostatic coated steel sheet
Optics	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Ceiling Type-Cut-out



Order Code	W	Lm	CCT	CRI	Kg
02118.66.30.028	28	2930	3000	Ra>80	4,1
02119.66.40.034	28	3100	4000	Ra>80	4,1



Color Options



Ral 9016

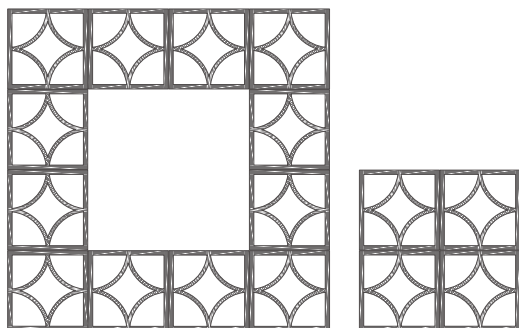
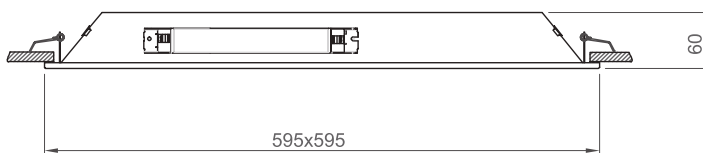
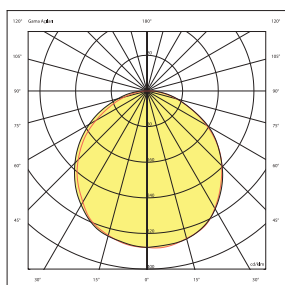


Ral 9006

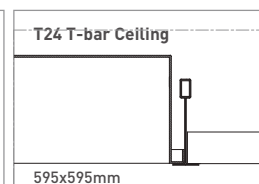
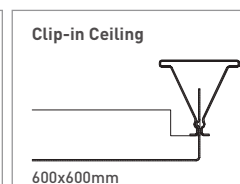
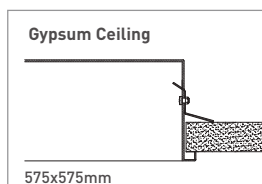


Ral 9005

Housing	Electrostatic coated steel sheet
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



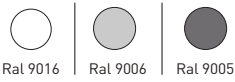
Ceiling Type-Cut-out



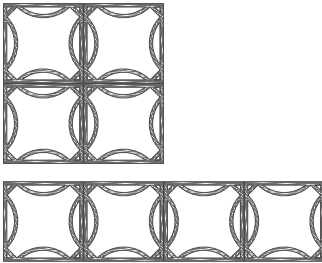
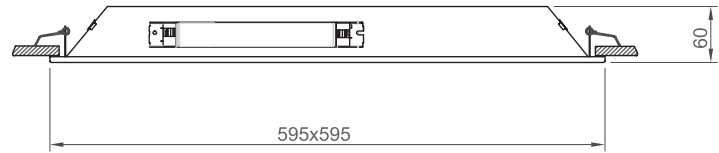
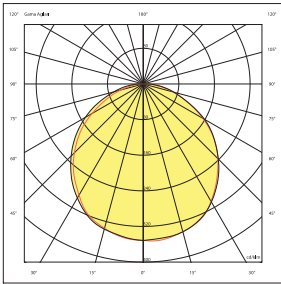
Order Code	W	Lm	CCT	CRI	Kg
02169.66.30.030	28	2930	3000	Ra>80	3,0
02169.66.40.031	28	3100	4000	Ra>80	3,0



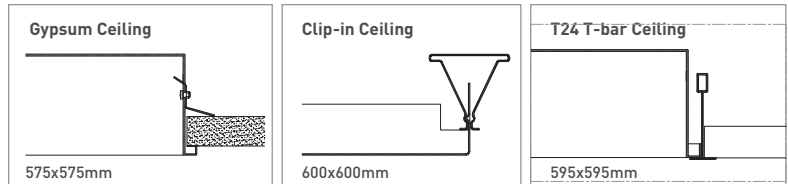
Color Options



Housing	Electrostatic coated steel sheet
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit

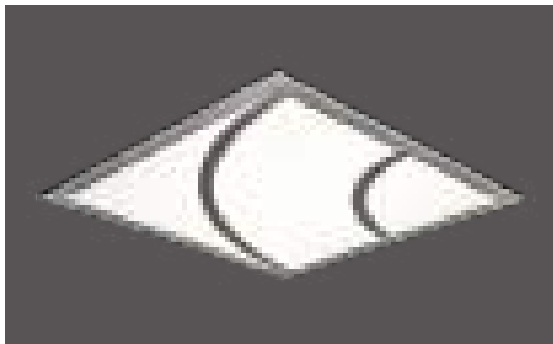


Ceiling Type-Cut-out

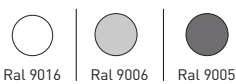


Order Code	W	Lm	CCT	CRI	Kg
02178.66.30.030	28	2930	3000	Ra>80	3,0
02178.66.40.031	28	3100	4000	Ra>80	3,0

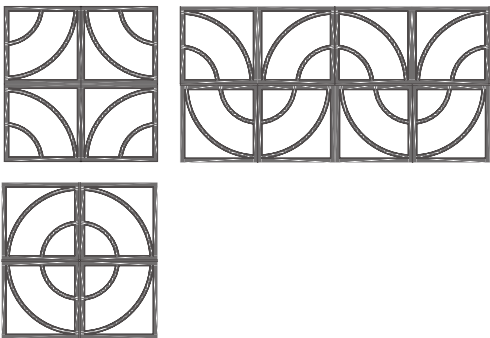
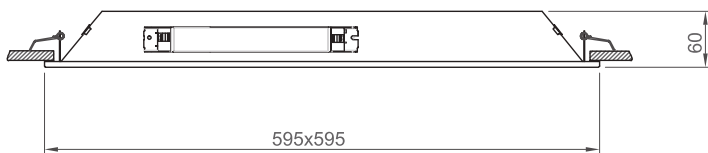
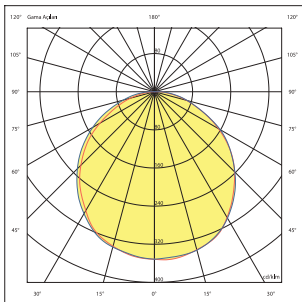
RING



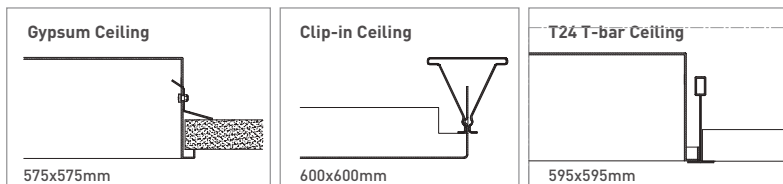
Color Options



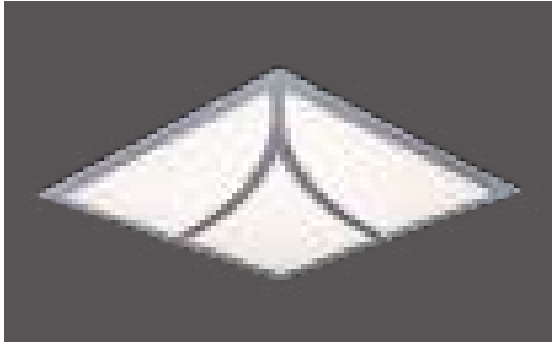
Housing	Electrostatic coated steel sheet
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



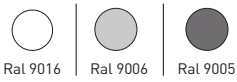
Ceiling Type-Cut-out



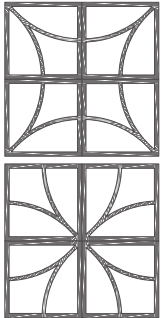
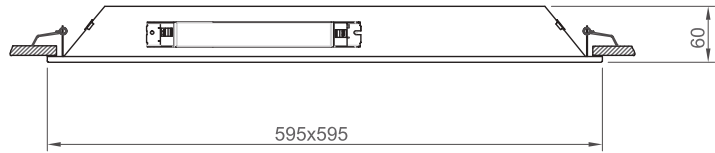
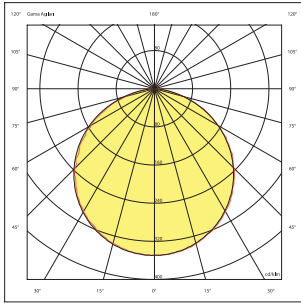
Order Code	W	Lm	CCT	CRI	Kg
02170.66.30.030	28	2930	3000	Ra>80	3,0
02170.66.40.031	28	3100	4000	Ra>80	3,0



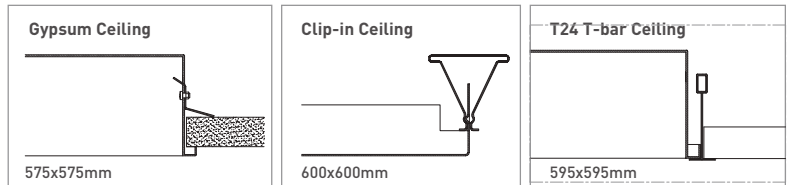
Color Options



Housing	Electrostatic coated steel sheet
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit

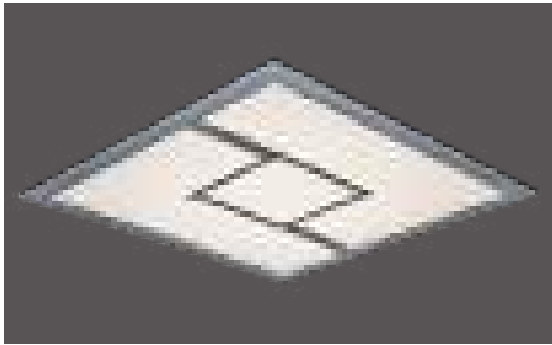


Ceiling Type-Cut-out



Order Code	W	Lm	CCT	CRI	Kg
02177.66.30.030	28	2930	3000	Ra>80	3,0
02177.66.40.031	28	3100	4000	Ra>80	3,0

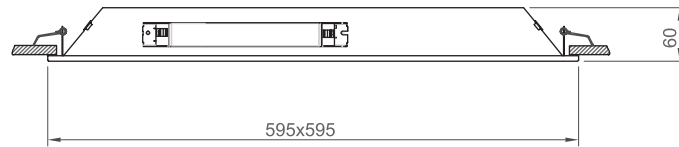
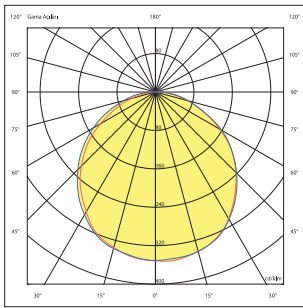
TETR'S-G



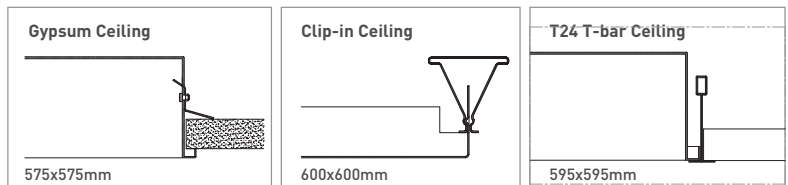
Color Options



Housing	Electrostatic coated steel sheet
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Ceiling Type-Cut-out

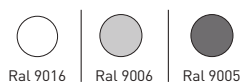


Order Code	W	Lm	CCT	CRI	Kg
02133.66.30.032	28	2930	3000	Ra>80	3,0
02133.66.40.033	28	3100	4000	Ra>80	3,0

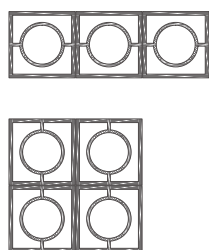
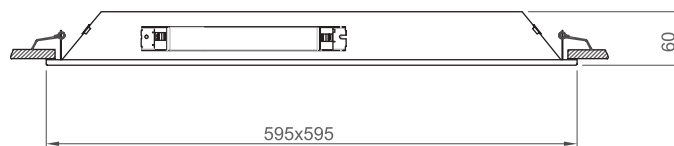
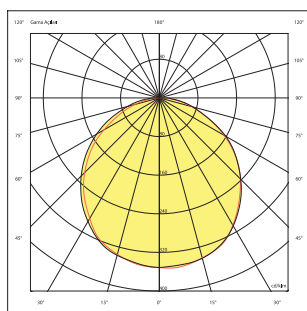
ROUND



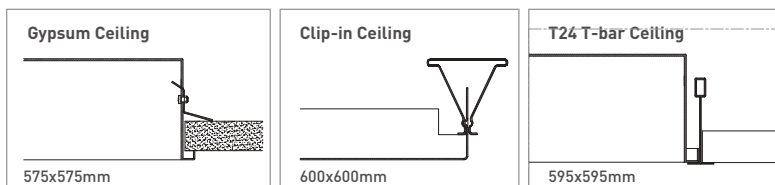
Color Options



Housing	Electrostatic coated steel sheet
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Ceiling Type-Cut-out



Order Code	W	Lm	CCT	CRI	Kg
02171.66.30.030	28	2930	3000	Ra>80	3,0
012171.66.40.031	28	3100	4000	Ra>80	3,0

FULLMOON



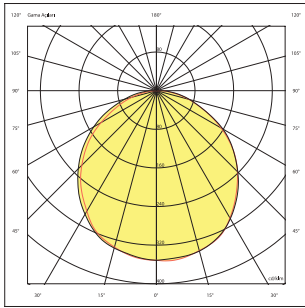
Color Options



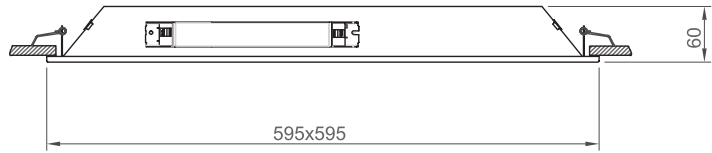
Ral 9016

Ral 9006

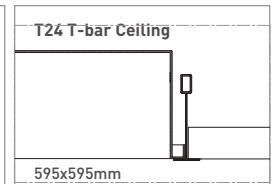
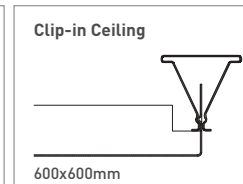
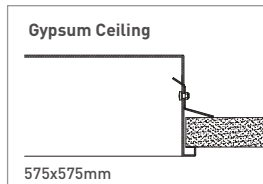
Ral 9005



Housing	Electrostatic coated steel sheet
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



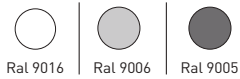
Ceiling Type-Cut-out



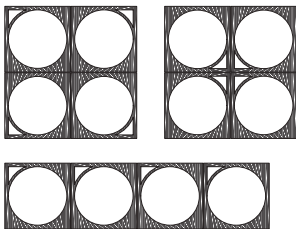
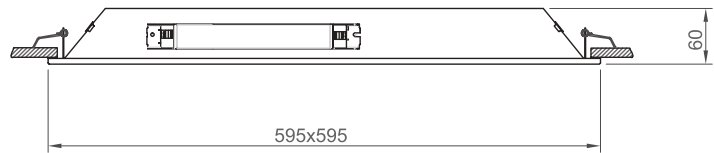
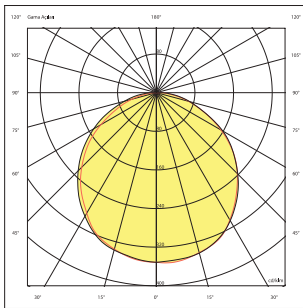
Order Code	W	Lm	CCT	CRI	Kg
02161.66.30.027	28	2700	3000	Ra>80	3,1
02161.66.40.028	28	2800	4000	Ra>80	3,1



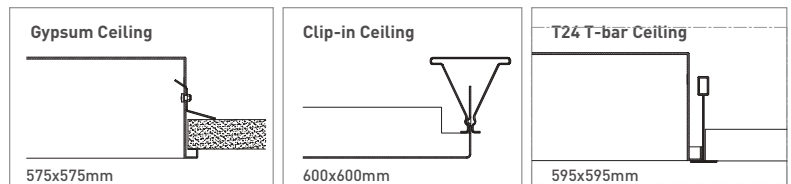
Color Options



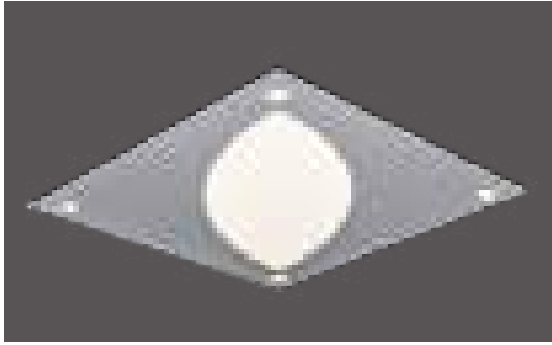
Housing	Electrostatic coated steel sheet
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Ceiling Type-Cut-out



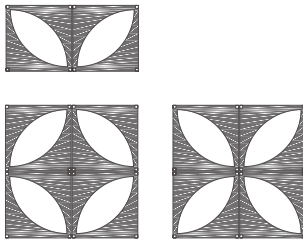
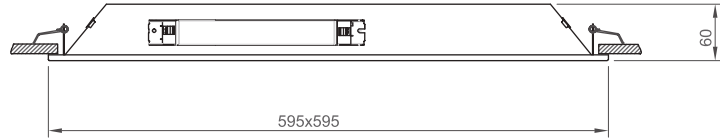
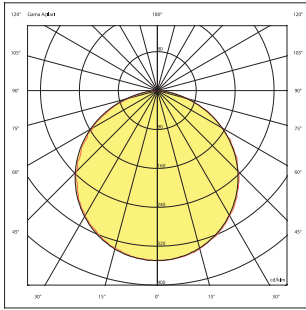
Order Code	W	Lm	CCT	CRI	Kg
02172.66.30.032	28	2700	3000	Ra>80	3.1
02172.66.40.033	28	2800	4000	Ra>80	3.1



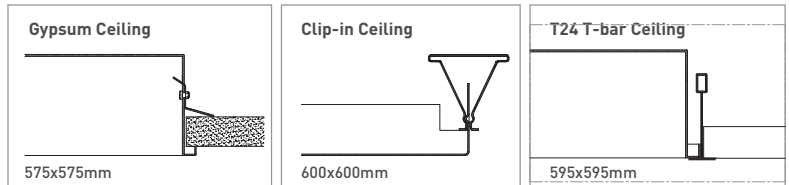
Color Options



Housing	Electrostatic coated steel sheet
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit

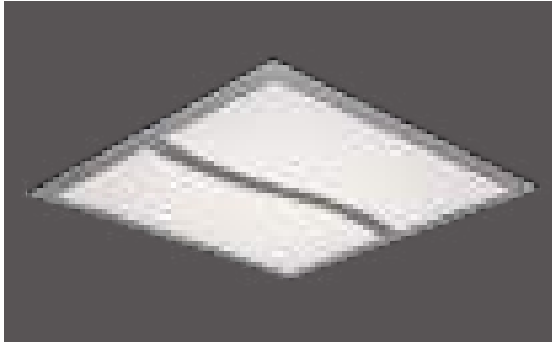


Ceiling Type-Cut-out

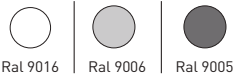


Order Code	W	Lm	CCT	CRI	Kg
02116.66.30.023	33	1820	3000	Ra>80	3,1
02116.66.40.025	33	1930	4000	Ra>80	3,1

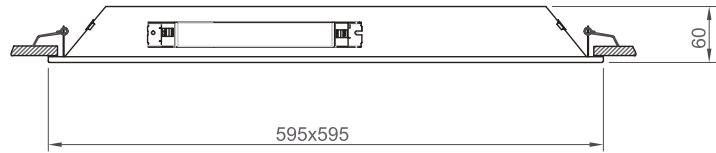
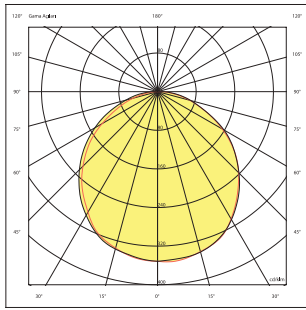
GRUS SIGMA



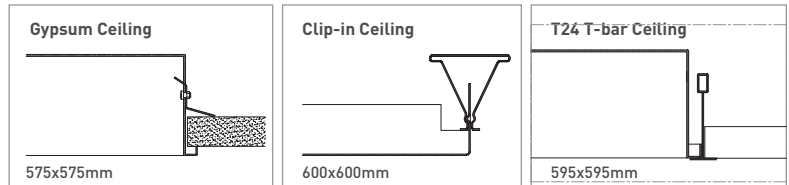
Color Options



Housing	Electrostatic coated steel sheet
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Ceiling Type-Cut-out



Order Code	W	Lm	CCT	CRI	Kg
02120.66.30.037	33	3450	3000	Ra>80	3,1
02120.66.40.038	33	3600	4000	Ra>80	3,1

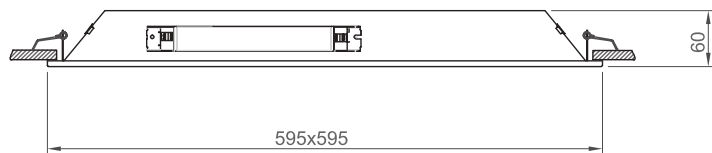
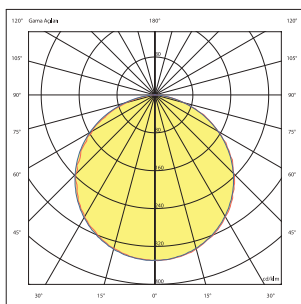
FLAT-G 600 For T24 T-bar and Gypsum Ceiling



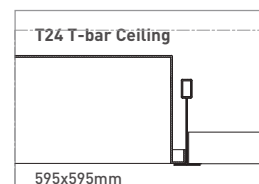
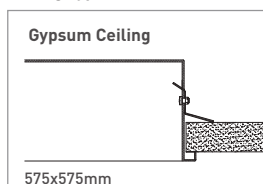
Color Options



Housing	Electrostatic coated steel sheet
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit IP 44



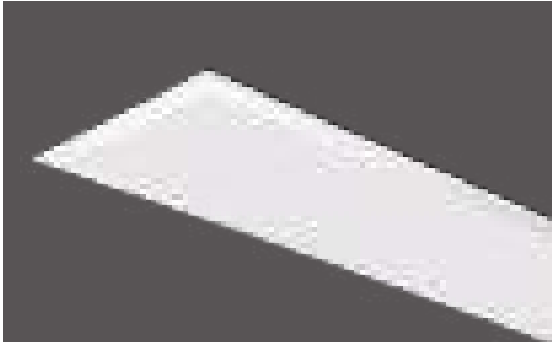
Ceiling Type-Cut-out



Order Code	W	Lm	CCT	CRI	Kg
02110.66.30.031	31	3250	3000	Ra>80	2,8
02110.66.30.036	33	3600	3000	Ra>80	2,8
02110.66.30.040	35	4000	3000	Ra>80	2,8
02110.66.40.032	31	3350	4000	Ra>80	2,8
02110.66.40.037	33	3700	4000	Ra>80	2,8
02110.66.40.041	35	4100	4000	Ra>80	2,8






Color Options


Ral 9016

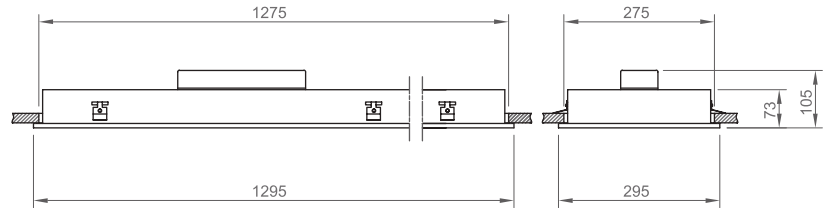
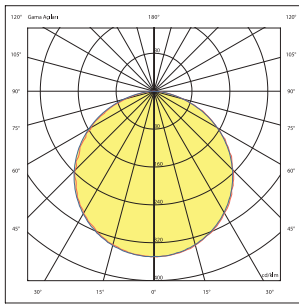
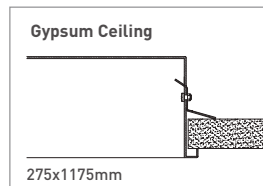


Ral 9006



Ral 9005

Housing	Electrostatic coated steel sheet
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit IP 44


Ceiling Type-Cut-out


Order Code	W	Lm	CCT	CRI	Kg
02110.31.30.032	28	3200	3000	Ra>80	3,5
02110.31.40.033	28	3300	4000	Ra>80	3,5

FLAT-G 300



Color Options



Ral 9016



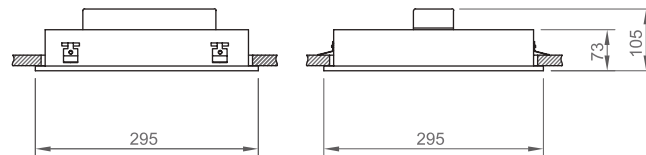
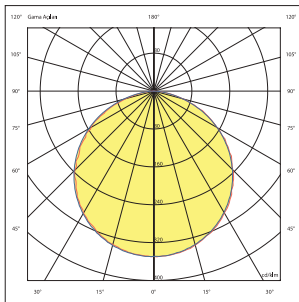
Ral 9006



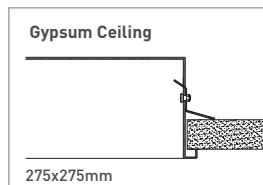
Ral 9005

Housing	Electrostatic coated steel sheet
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°

Options	Dali 3 hour emergency lighting kit IP 44
----------------	--



Ceiling Type-Cut-out



Order Code	W	Lm	CCT	CRI	Kg
02110.33.30.008	9	800	3000	Ra>80	1,4
02110.33.30.017	18	1700	3000	Ra>80	1,4
02110.33.40.009	9	900	4000	Ra>80	1,4
02110.33.40.018	18	1800	4000	Ra>80	1,4



FLAT-C 600 Clip-in



Color Options



Ral 9016

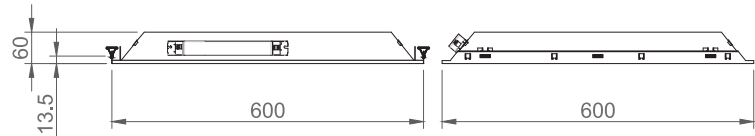
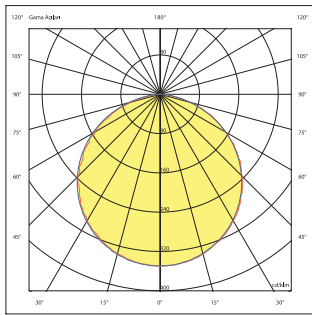


Ral 9006

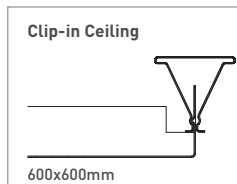


Ral 9005

Housing	Electrostatic coated steel sheet
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Ceiling Type-Cut-out



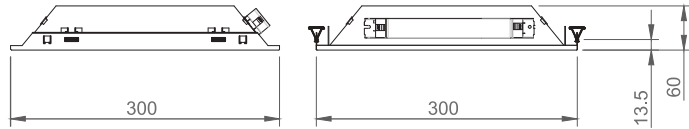
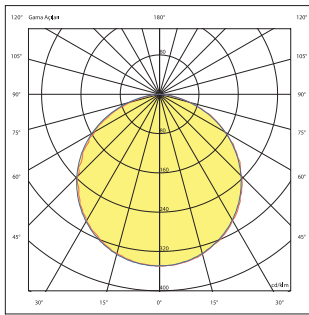
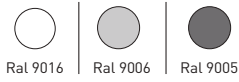
Order Code	W	Lm	CCT	CRI	Kg
02110.66.30.031.C	28	3100	3000	Ra>80	2,9
02110.66.30.036.C	33	3600	3000	Ra>80	2,9
02110.66.30.040.C	35	4000	3000	Ra>80	2,9
02110.66.40.032.C	28	3330	4000	Ra>80	2,9
02110.66.40.037.C	33	3700	4000	Ra>80	2,9
02110.66.40.041.C	35	4100	4000	Ra>80	2,9

Clip-in 300 **FLAT-C**

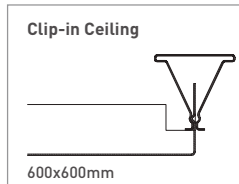


Housing	Electrostatic coated steel sheet
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit

Color Options



Ceiling Type-Cut-out



Order Code	W	Lm	CCT	CRI	Kg
02110.33.30.008.C	9	800	3000	Ra>80	1,5
02110.33.30.017.C	18	1700	3000	Ra>80	1,5
02110.33.40.009.C	9	900	4000	Ra>80	1,5
02110.33.40.017.C	18	1800	4000	Ra>80	1,5



6 | SURFACE LIGHTING

CORVUS-T 1200



Color Options



Ral 9016

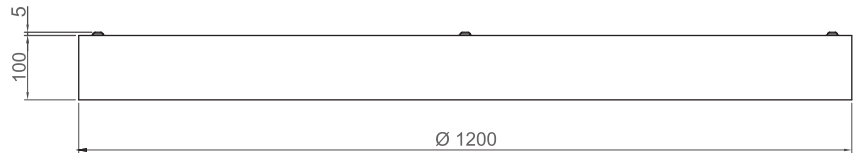
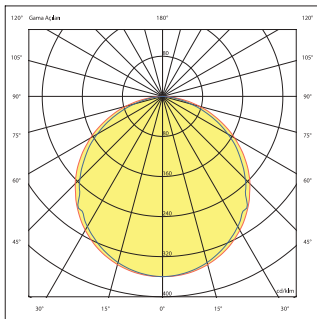


Ral 9006



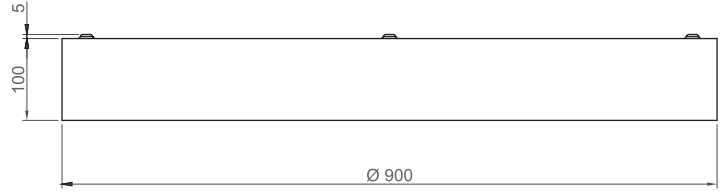
Ral 9005

Housing	Electrostatic coated aluminum profile
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit

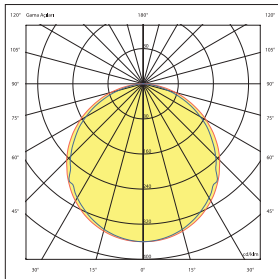


Order Code	W	Lm	CCT	CRI	Kg
03170.12.30.092	96	8665	3000	Ra>80	7,4
03170.12.40.097	96	9120	4000	Ra>80	7,4

900 CORVUS-T



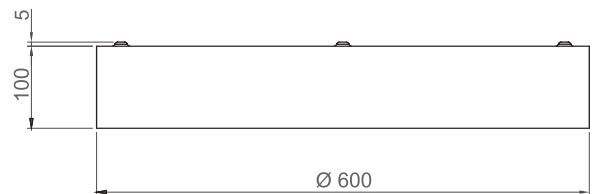
Color Options



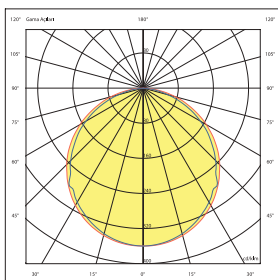
Order Code	W	Lm	CCT	CRI	Kg
03170.90.30.107	69	6220	3000	Ra>80	5,5
03170.90.40.111	69	6550	4000	Ra>80	5,5



600 CORVUS-T



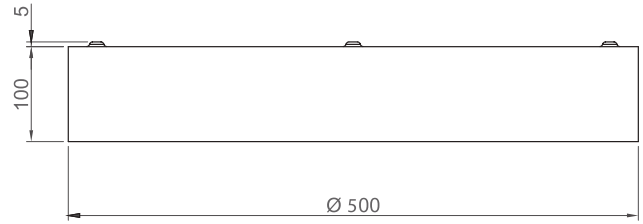
Color Options



Order Code	W	Lm	CCT	CRI	Kg
03170.60.30.044	47	4240	3000	Ra>80	3,7
03170.60.40.047	47	4460	4000	Ra>80	3,7



500 CORVUS-T



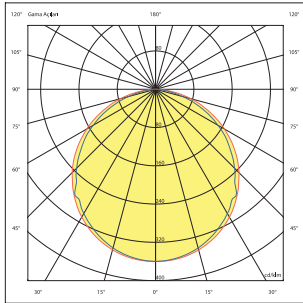
Color Options



Ral 9016

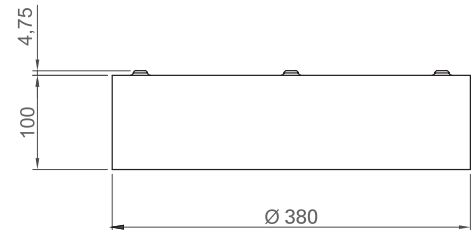
Ral 9006

Ral 9005



Order Code	W	Lm	CCT	CRI	Kg
03170.50.30.036	38	3430	3000	Ra>80	3,5
03170.50.40.039	38	3610	4000	Ra>80	3,5

380 CORVUS-T



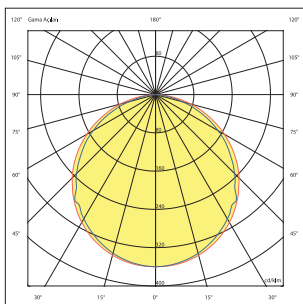
Color Options



Ral 9016

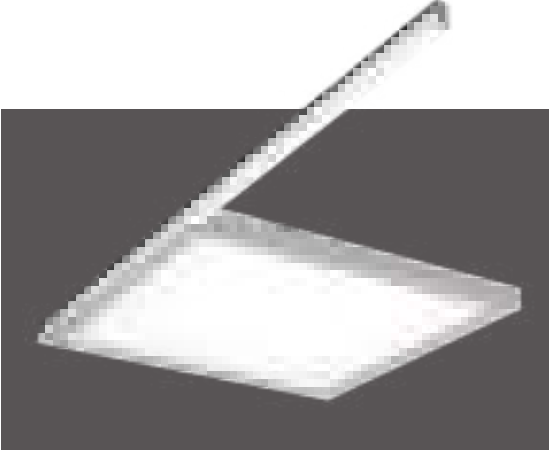
Ral 9006

Ral 9005



Order Code	W	Lm	CCT	CRI	Kg
03170.38.30.021	20	1800	3000	Ra>80	2,8
03170.38.40.022	20	1900	4000	Ra>80	2,8

GUIDE



Renk Seçenekleri



Ral 9016

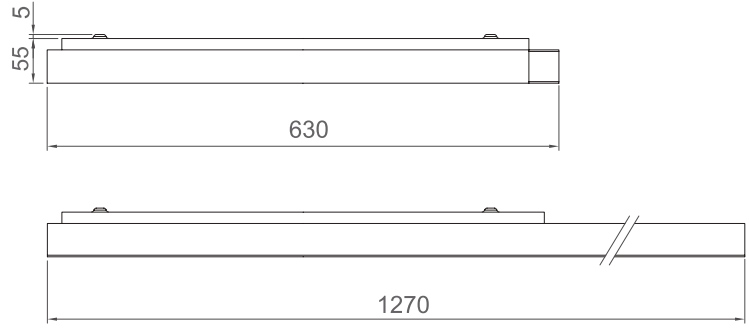
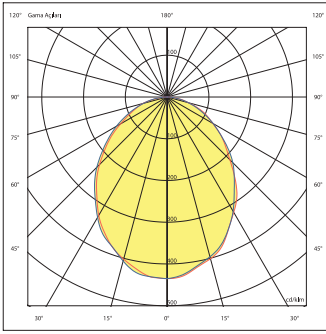


Ral 9006



Ral 9005

Housing	Electrostatic coated steel sheet
Optics	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Order Code	W	Lm	CCT	CRI	Kg
03114.66.30.039	35	3900	3000	Ra>80	5,5
03114.66.40.041	35	4080	4100	Ra>80	5,5



TETR's-T



Color Options



Ral 9016

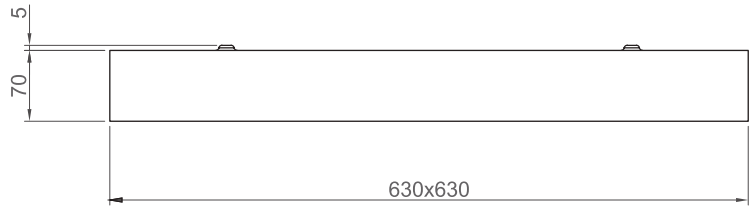
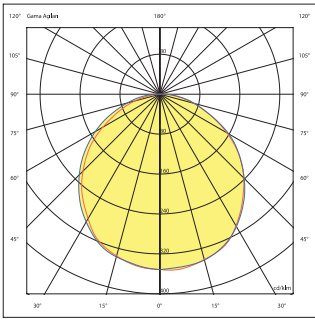


Ral 9006



Ral 9005

Housing	Electrostatic coated steel sheet
Optics	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Order Code	W	Lm	CCT	CRI	Kg
03125.66.30.032	28	2930	3000	Ra>80	4,1
03125.66.40.033	28	3100	4000	Ra>80	4,1



Color Options



Ral 9016

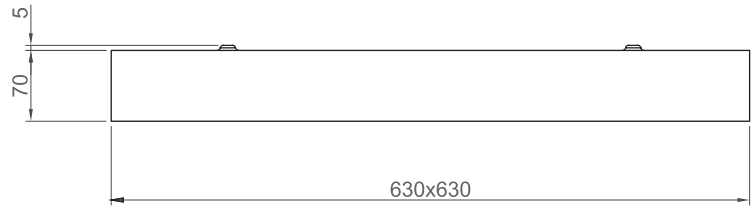
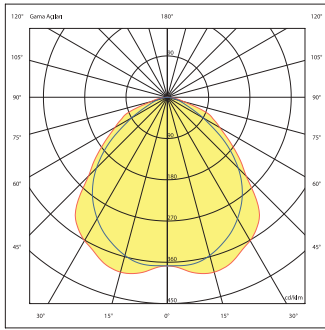


Ral 9006



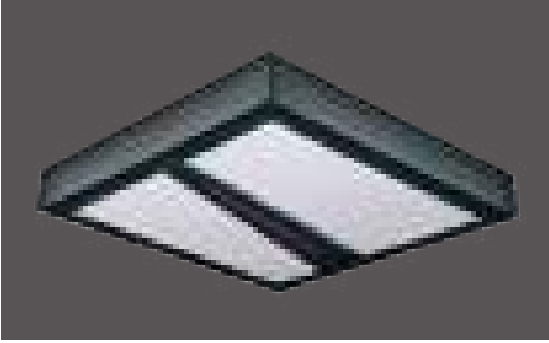
Ral 9005

Housing	Electrostatic coated steel sheet
Optics	Electrostatic coated perforated steel reflector with electrostatic coated steel sheet on the back
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Order Code	W	Lm	CCT	CRI	Kg
03119.66.30.023	29	2320	3000	Ra>80	4,9
03119.66.30.031	41	3170	3000	Ra>80	4,9
03119.66.30.052	60	5280	3000	Ra>80	4,9
03119.66.40.024	29	2450	4000	Ra>80	4,9
03119.66.40.033	41	3360	4000	Ra>80	4,9
03119.66.40.055	60	5600	4000	Ra>80	4,9

TIE-T



Color Options



Ral 9016

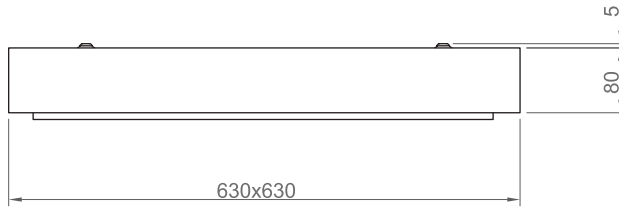
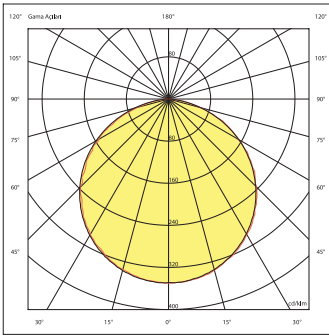


Ral 9006

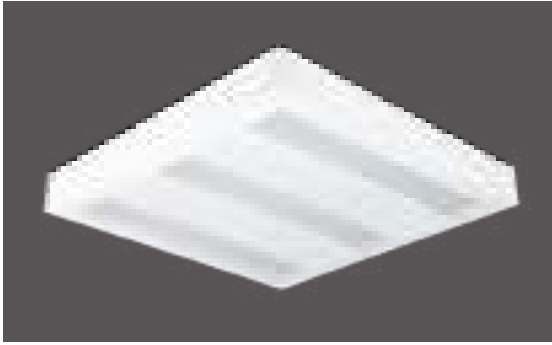


Ral 9005

Housing	Electrostatic coated steel sheet
Optics	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Order Code	W	Lm	CCT	CRI	Kg
03128.66.30.032	33	3200	3000	Ra>80	4,1
03128.66.40.034	33	3350	4000	Ra>80	4,1



Color Options



Ral 9016

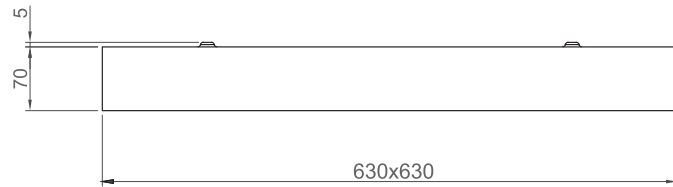
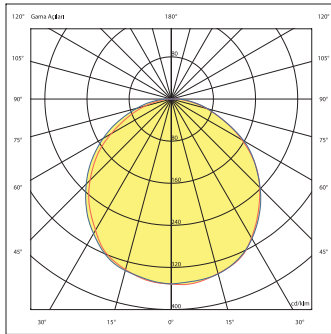


Ral 9006



Ral 9005

Housing	Electrostatic coated steel sheet
Optics	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Order Code	W	Lm	CCT	CRI	Kg
03149.66.30.023	29	2300	3000	Ra>80	4,3
03149.66.30.033	41	3300	3000	Ra>80	4,3
03149.66.40.024	29	2450	4000	Ra>80	4,3
03149.66.40.035	41	3500	4000	Ra>80	4,3

STYLE 600



Color Options



Ral 9016

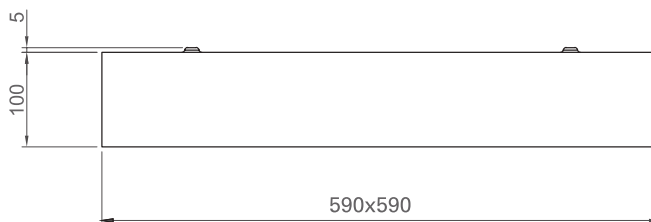
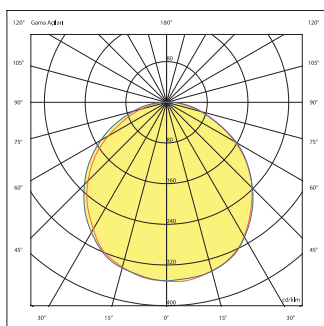


Ral 9006



Ral 9005

Housing	Electrostatic coated aluminum profile
Optics	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Order Code	W	Lm	CCT	CRI	Kg
03137.66.30.032	28	2800	3000	Ra>80	3,9
03137.66.40.033	28	2950	4000	Ra>80	3,9


Color Options


Ral 9016

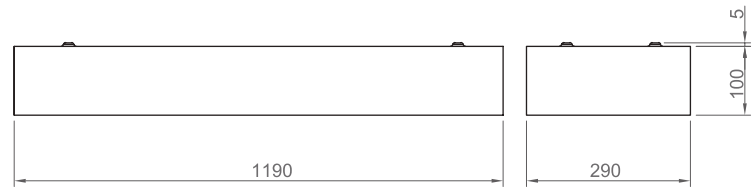
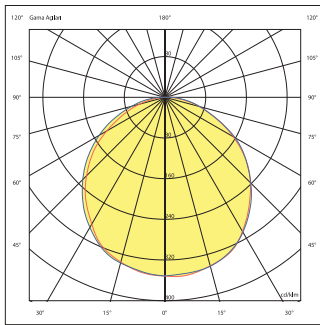


Ral 9006



Ral 9005

Housing	Electrostatic coated aluminum profile
Optics	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Order Code	W	Lm	CCT	CRI	Kg
03137.31.30.032	28	2800	3000	Ra>80	4,2
03137.31.40.033	28	2950	4000	Ra>80	4,2

FLAT-T 600



Color Options



Ral 9016

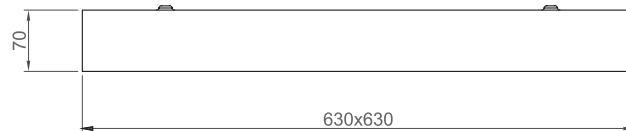
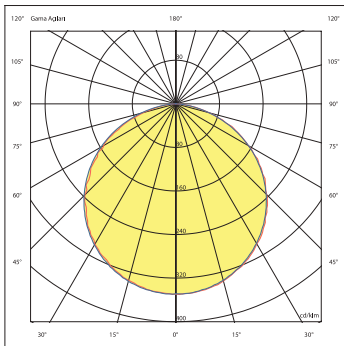


Ral 9006



Ral 9005

Housing	Electrostatic coated steel sheet
Optics	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Order Code	W	Lm	CCT	CRI	Kg
03135.66.30.033	28	3250	3000	Ra>80	4,0
03135.66.30.036	33	3600	3000	Ra>80	4,0
03135.66.30.040	35	4000	3000	Ra>80	4,0
03135.66.40.034	28	3350	4000	Ra>80	4,0
03135.66.40.037	33	3700	4000	Ra>80	4,0
03135.66.40.041	35	4100	4000	Ra>80	4,0


Color Options


Ral 9016

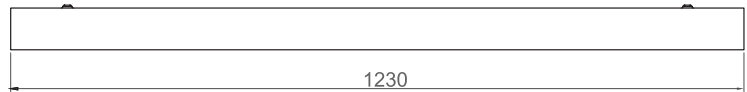
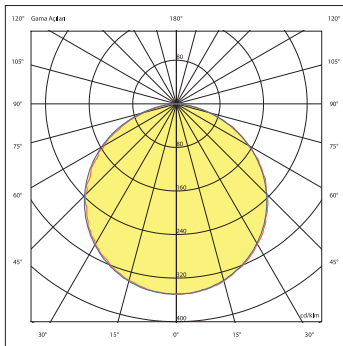


Ral 9006



Ral 9005

Housing	Electrostatic coated steel sheet
Optics	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Order Code	W	Lm	CCT	CRI	Kg
03135.31.30.032	28	3200	3000	Ra>80	4,5
03135.31.40.033	28	3300	4000	Ra>80	4,5

FLAT-T 300



Color Options



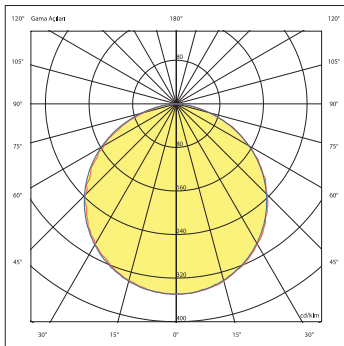
Ral 9016



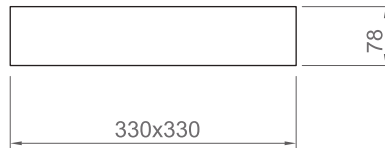
Ral 9006



Ral 9005



Housing	Electrostatic coated steel sheet
Optics	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit

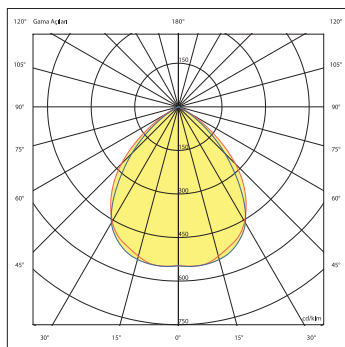
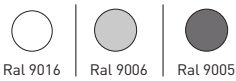


Order Code	W	Lm	CCT	CRI	Kg
03135.33.30.008	9	800	3000	Ra>80	2,0
03135.33.30.018	18	1700	3000	Ra>80	2,0
03135.33.40.009	9	850	4000	Ra>80	2,0
03135.33.40.018	18	1800	4000	Ra>80	2,0

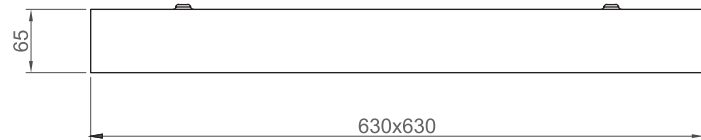
GLARE-T



Color Options



Housing	Electrostatic coated steel sheet
Optics	Highly transmissive opal diffuser
Reflector	Deglaring glossary aluminum reflector (UGR<19)
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Order Code	W	Lm	CCT	CRI	Kg
03500.66.30.028	35	3135	3000	Ra>80	4,9
03500.66.40.030	35	3300	4000	Ra>80	4,9

ORION ALNITAK



Color Options



Ral 9016

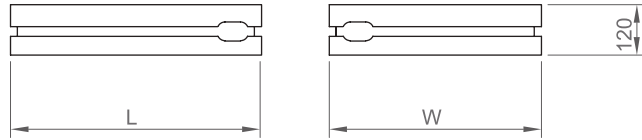
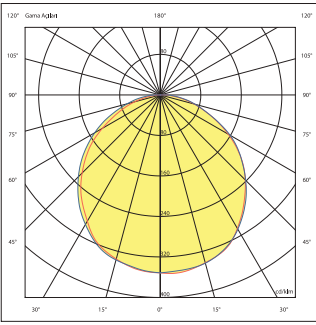


Ral 9006



Ral 9005

Housing	Electrostatic coated aluminum profile
Optics	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Order Code	W	Lm	CCT	CRI	W	L	H	Kg
03101.33.30.008	9	800	3000	Ra>80	310	310	120	2,0
03101.66.30.032	28	3200	3000	Ra>80	595	595	120	3,8
03101.66.30.036	33	3600	3000	Ra>80	595	595	120	3,8
03101.33.40.009	9	850	4000	Ra>80	310	310	120	2,0
03101.66.40.033	28	3300	4000	Ra>80	595	595	120	3,8
03102.66.40.039	33	3700	4000	Ra>80	595	595	120	3,8





7 | WALL LUMINAIRES

MIRROLINE

Mirror Light



Color Options



Ral 9016

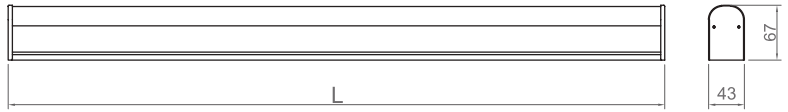
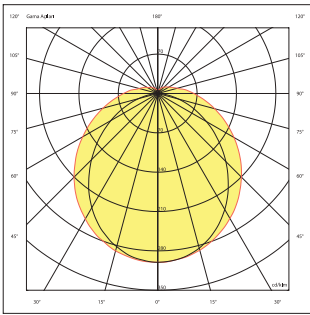


Ral 9006

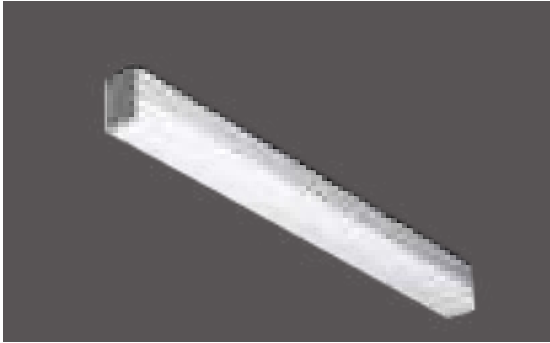


Ral 9005

Housing	Electrostatic coated aluminum profile
Optics	Highly transmissive opal PC diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Order Code	W	Lm	CCT	CRI	L (mm)	Kg
01180.46.30.016	14	1670	3000	Ra>80	580	0,6
01180.46.30.032	27	3220	3000	Ra>80	1130	1,1
01180.46.30.048	41	4880	3000	Ra>80	1680	1,5
01180.46.40.018	14	1800	4000	Ra>80	580	0,6
01180.46.40.035	27	3500	4000	Ra>80	1130	1,1
01180.46.40.052	41	5290	4000	Ra>80	1680	1,5

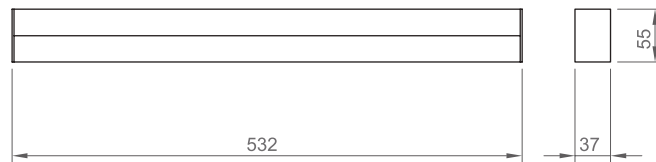
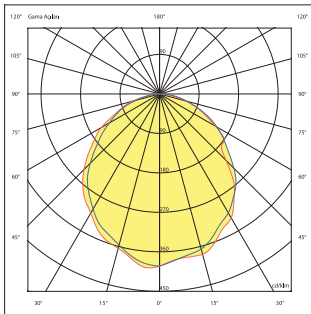


**Color
Options**



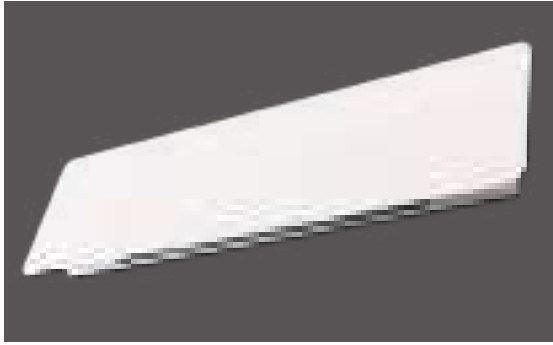
Ral 9006

Housing	Electrostatic coated aluminum profile
Optics	Highly transmissive opal PC diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Order Code	W	Lm	CCT	CRI	Kg
01183.45.30.008	10	800	3000	Ra>80	0,5
01183.45.40.009	10	900	4000	Ra>80	0,5





Color Options



Ral 9016

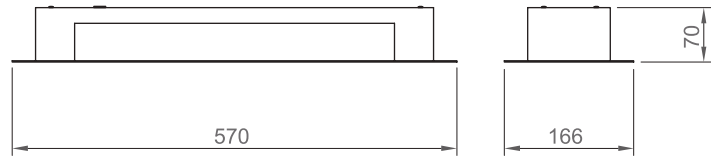
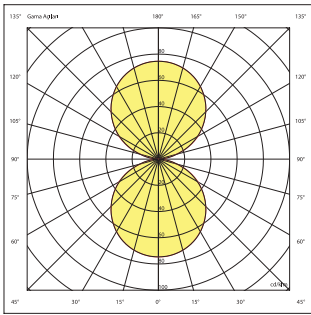


Ral 9006



Ral 9005

Housing	Electrostatic coated steel sheet
Optics	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Order Code	W	Lm	CCT	CRI	Kg
06144.15.30.013	13	1300	3000	Ra>80	3,2
06144.15.30.026	26	2600	3000	Ra>80	3,2
06144.15.40.014	13	1400	4000	Ra>80	3,2
06144.15.40.027	26	2700	4000	Ra>80	3,2

CALM



Color Options



Ral 9016

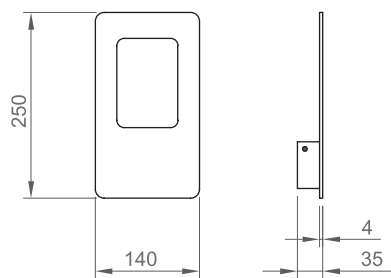
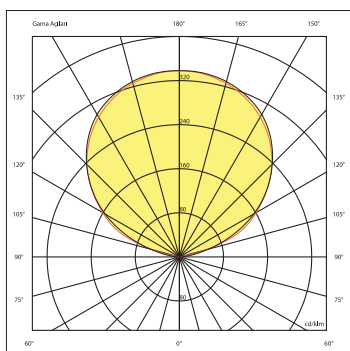


Ral 9006

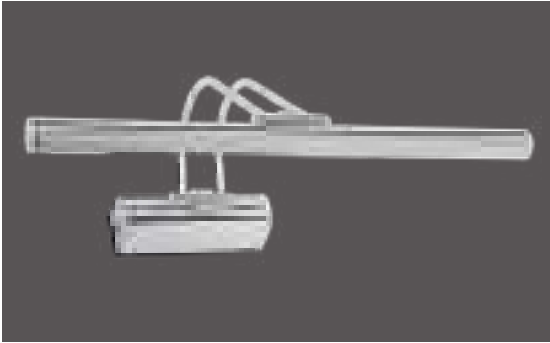


Ral 9005

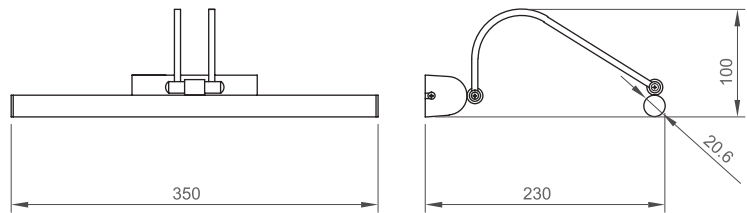
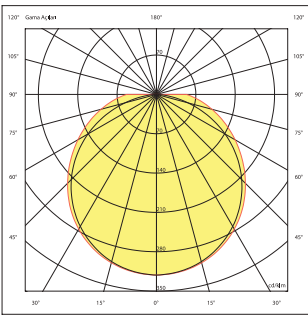
Housing	Electrostatic coated steel sheet
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°



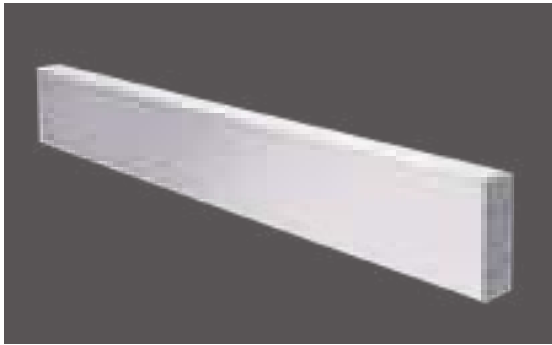
Order Code	W	Lm	CCT	CRI	Kg
06191.12.30.008	11	800	3000	Ra>80	0,5
06191.12.40.009	11	900	4000	Ra>80	0,5



Housing	Nickel chrome plated brass
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°



Order Code	W	Lm	CCT	CRI	Kg
61169.42.40.005	5	500	4000	Ra>80	0,2



Color Options



Ral 9016

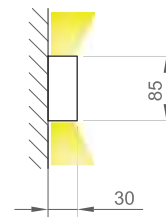
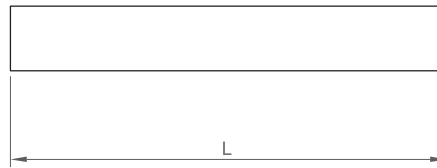
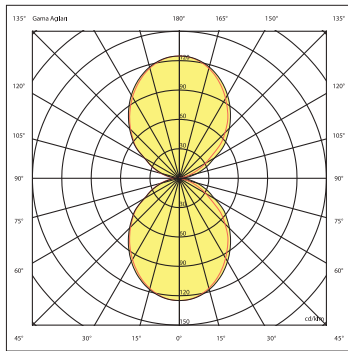


Ral 9006



Ral 9005

Housing	Electrostatic coated steel sheet
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°



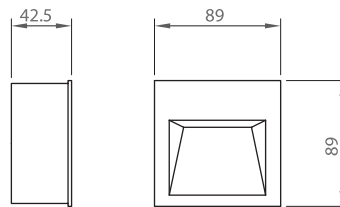
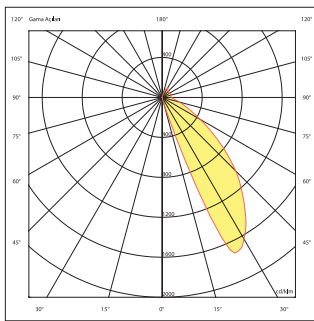
Order Code	W	Lm	CCT	CRI	Kg
06600.60.30.017	20	1700	3000	Ra>80	0,8
06600.60.40.018	20	1800	4000	Ra>80	0,8



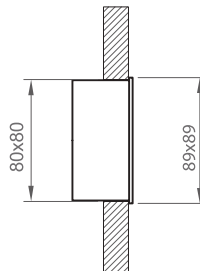
**Color
Options**



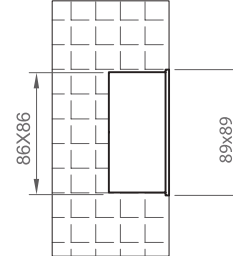
Housing	Electrostatic coated steel sheet
Glass	Clear tempered glass
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°



Gypsum Wall



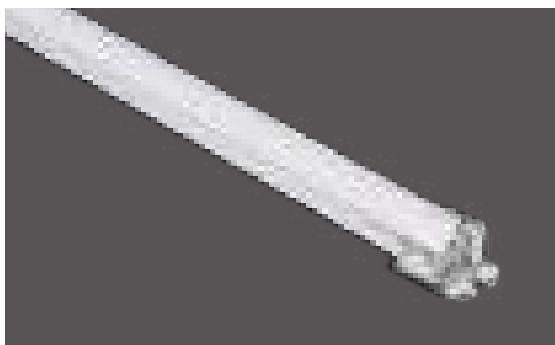
Concrete Wall



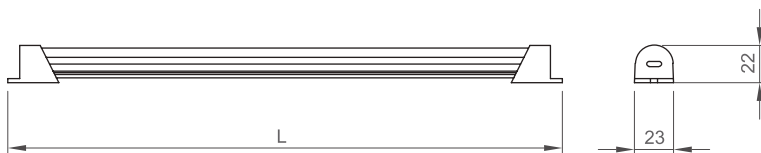
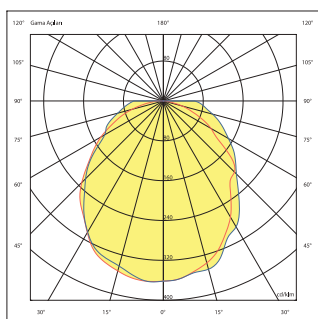
Order Code	W	Lm	CCT	CRI	Kg
06201.99.30.002	2	170	3000	Ra>80	0,3
06201.99.40.002	2	200	3000	Ra>80	0,3



8 | COVE LIGHTING

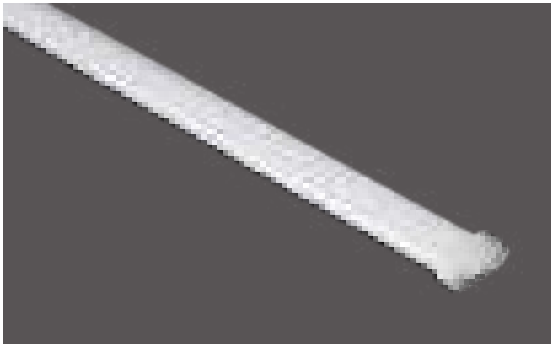


Housing	Electrostatic coated aluminum profile
Diffuser	Highly transmissive opal PC diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant voltage output, 24V DC
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°

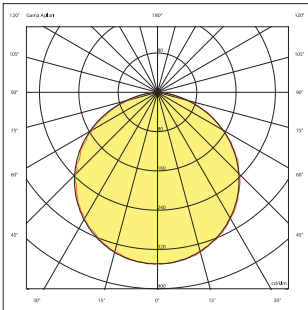


Order Code	W	Lm	CCT	CRI	Volt	L	Kg
06135.13.30.001	1,6	140	3000	Ra>80	24	130	0,05
06135.23.30.002	3,2	280	3000	Ra>80	24	230	0,08
06135.53.30.007	8	710	3000	Ra>80	24	530	0,15
06135.10.30.016	16	1420	3000	Ra>80	24	1030	0,25
06135.12.30.017	19,2	1710	3000	Ra>80	24	1230	0,33
06135.15.30.021	24	2140	3000	Ra>80	24	1530	0,38
06135.13.40.001	1,6	150	4000	Ra>80	24	130	0,05
06135.23.40.003	3,2	300	4000	Ra>80	24	230	0,08
06135.53.40.007	8	755	4000	Ra>80	24	530	0,15
06135.10.40.017	16	1510	4000	Ra>80	24	1030	0,25
06135.12.40.019	19,2	1810	4000	Ra>80	24	1230	0,33
06135.15.40.022	24	2260	4000	Ra>80	24	1530	0,38





Housing	Aluminum profile
Diffuser	Highly transmissive opal PC diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant voltage output, 24V DC
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°



Order Code	W	Lm	CCT	CRI	Volt	L	Kg
08131.05.30.007	7	750	3000	Ra>80	24	500	0,25
08131.10.30.014	14	1400	3000	Ra>80	24	1000	0,40
08131.05.40.007	7	780	4000	Ra>80	24	500	0,25
08131.10.40.014	14	1450	4000	Ra>80	24	1000	0,40





9 | STERILE ROOM LIGHTING

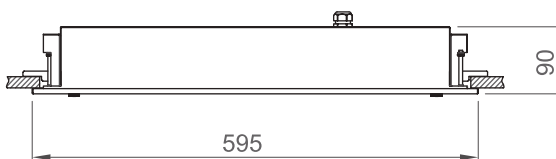
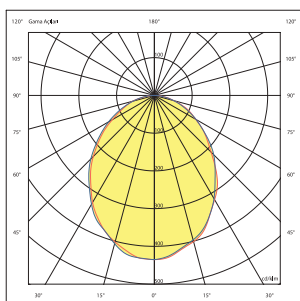
SHIELD-G 600



Color Options



Housing	Electrostatic coated steel sheet
Glass	Clear tempered glass
Optics	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Order Code	W	Lm	CCT	CRI	WxL	Cut-out (mm)	Kg
02125.66.30.029	28	2900	3000	Ra>80	595x595	580x580	7,3
02125.66.30.032	33	3200	3000	Ra>80	595x595	580x580	7,3
02125.66.30.035	35	3500	3000	Ra>80	595x595	580x580	7,3
02125.66.40.030	28	3000	4000	Ra>80	595x595	580x580	7,3
02125.66.40.032	33	3300	4000	Ra>80	595x595	580x580	7,3
02125.66.40.036	35	3600	4000	Ra>80	595x595	580x580	7,3

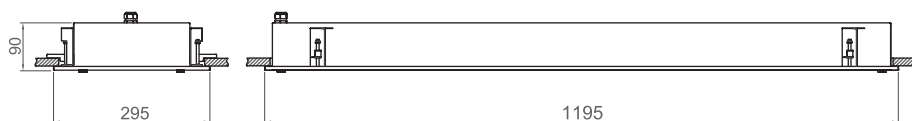
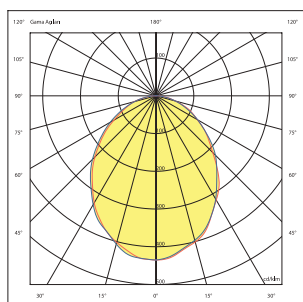


SHIELD-G 1200



Housing	Electrostatic coated steel sheet
Glass	Clear tempered glass
Optics	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit

Color Options



Order Code	W	Lm	CCT	CRI	WxL	Cut-out (mm)	Kg
02125.31.30.029	33	2900	3000	Ra>80	295x1195	280x1180	7,5
02125.31.30.040	52	4000	3000	Ra>80	295x1195	280x1180	7,5
02125.31.40.030	33	3000	4000	Ra>80	295x1195	280x1180	7,5
02125.31.40.041	52	4100	4000	Ra>80	295x1195	280x1180	7,5



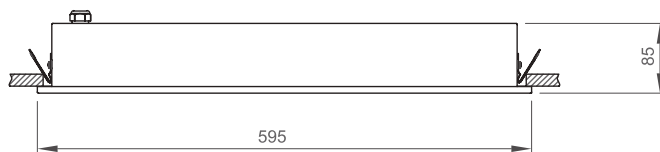
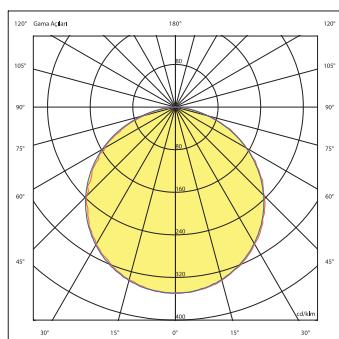
EVEN-G 600



Color Options



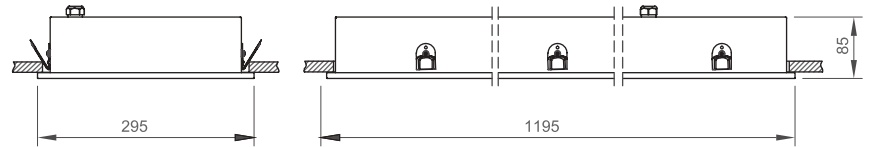
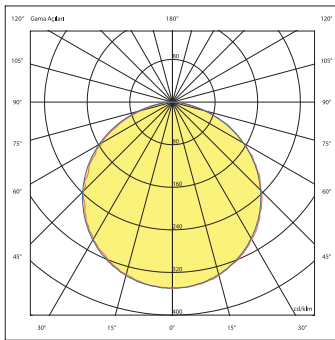
Housing	Electrostatic coated steel sheet
Optics	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Order Code	W	Lm	CCT	CRI	WxL	Cut-out (mm)	Kg
02142.66.30.033	28	3300	3000	Ra>80	595x595	580x580	3,1
02142.66.30.036	33	3600	3000	Ra>80	595x595	580x580	3,1
02142.66.40.034	28	3400	4000	Ra>80	595x595	580x580	3,1
02142.66.40.037	33	3700	4000	Ra>80	595x595	580x580	3,1



Housing	Electrostatic coated steel sheet
Optics	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit

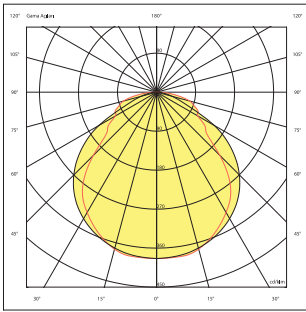
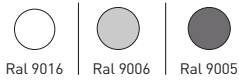
Color Options


Order Code	W	Lm	CCT	CRI	WxL	Cut-out (mm)	Kg
02142.31.30.032	33	3200	3000	Ra>80	295x1195	280x1180	3,5
02142.31.30.040	52	4400	3000	Ra>80	295x1195	280x1180	3,5
02142.31.40.033	33	3300	4000	Ra>80	295x1195	280x1180	3,5
02142.31.40.041	52	4500	4000	Ra>80	295x1195	280x1180	3,5

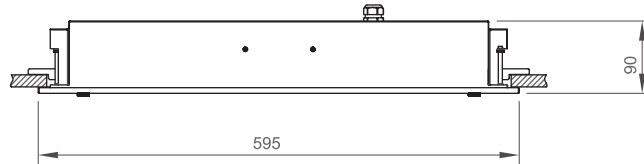
WINK-G



Color Options



Housing	Electrostatic coated steel sheet
Glass	Clear tempered glass
Optics	Opal lens and electrostatic coated perforated steel reflector with electrostatic coated steel sheet on the back
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



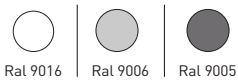
Order Code	W	Lm	CCT	CRI	WxL	Cut-out (mm)	Kg
02141.66.30.024	32	2400	3000	Ra>80	595x595	580x580	6,1
02141.66.30.047	60	4700	3000	Ra>80	595x595	580x580	6,1
02141.66.40.025	32	2500	4000	Ra>80	595x595	580x580	6,1
02141.66.40.048	60	4800	4000	Ra>80	595x595	580x580	6,1

surface mounted sterile

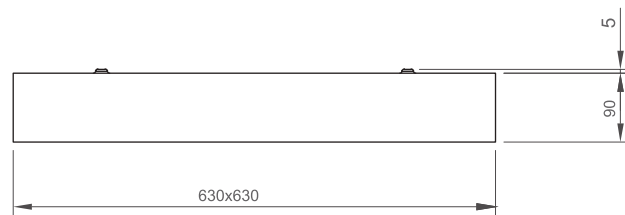
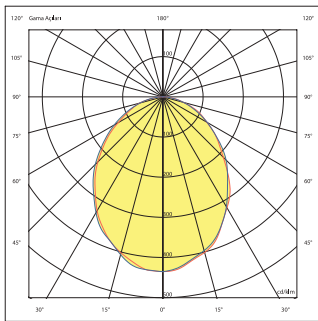
SHIELD-T



Color Options



Housing	Electrostatic coated steel sheet
Glass	Clear tempered glass
Optics	Highly transmissive opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Order Code	W	Lm	CCT	CRI	Kg
04101.66.30.029	28	2900	3000	Ra>80	7,5
04101.66.30.033	33	3200	3000	Ra>80	7,5
04101.66.30.035	35	3500	3000	Ra>80	7,5
04101.66.40.030	28	3000	4000	Ra>80	7,5
04101.66.40.032	33	3300	4000	Ra>80	7,5
04101.66.40.036	35	3600	4000	Ra>80	7,5



10 | INDUSTRIAL LIGHTING

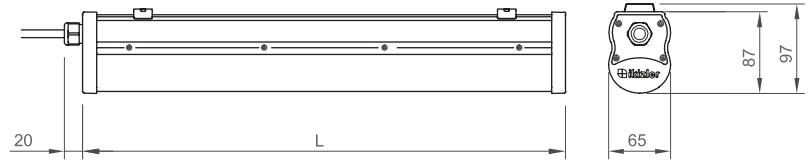
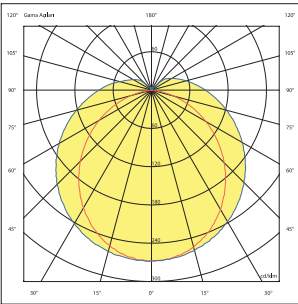
SUMBA

waterproof lighting

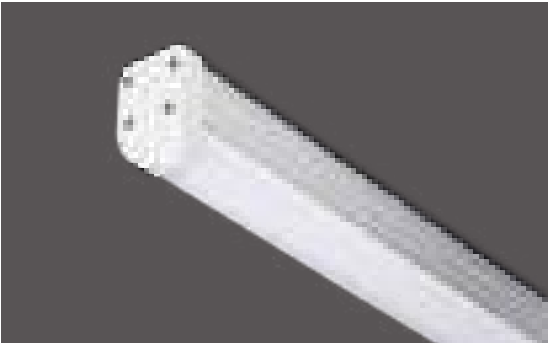




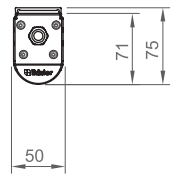
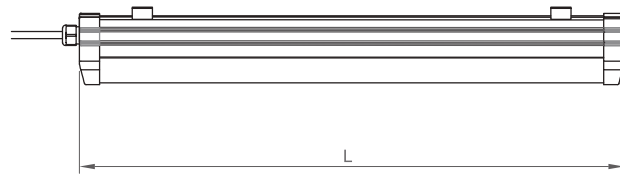
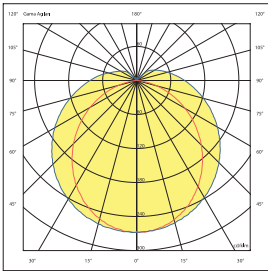
Housing	Extruded aluminum profile
Optics	Highly transmissive PC opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Order Code	W	Lm	CCT	CRI	L (mm)	Kg
07102.06.30.021	19	2000	3000	Ra>80	600	1,4
07102.09.30.022	20	2180	3000	Ra>80	880	2,0
07102.09.30.031	29	3000	3000	Ra>80	880	2,0
07102.09.30.042	42	4160	3000	Ra>80	880	2,0
07102.12.30.029	29	2900	3000	Ra>80	1160	2,7
07102.12.30.042	40	4000	3000	Ra>80	1160	2,7
07102.15.30.051	48	4980	3000	Ra>80	1440	3,3
07102.06.40.022	19	2100	4000	Ra>80	600	1,6
07102.09.40.023	20	2300	4000	Ra>80	880	2,0
07102.09.40.032	29	3170	4000	Ra>80	880	2,0
07102.09.40.044	42	4400	4000	Ra>80	880	2,0
07102.12.40.030	29	3080	4000	Ra>80	1160	2,7
07102.12.40.043	40	4220	4000	Ra>80	1160	2,7
07102.15.40.053	48	5280	4000	Ra>80	1440	3,3



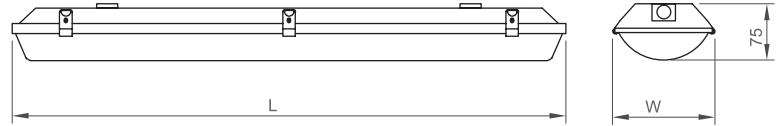
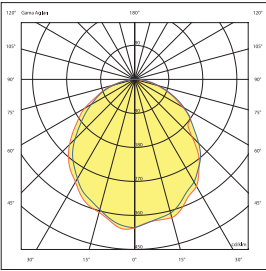
Housing	Extruded aluminum profile
Optics	Highly transmissive PC opal diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Order Code	W	Lm	CCT	CRI	W x L	Kg
07104.03.30.011	11	1285	3000	Ra>80	390	0,5
07104.05.30.017	17	1975	3000	Ra>80	510	0,7
07104.07.30.023	21	2570	3000	Ra>80	750	1,0
07104.07.30.030	29	3350	3000	Ra>80	750	1,0
07104.12.30.026	23	2900	3000	Ra>80	1230	1,6
07104.12.30.038	35	4280	3000	Ra>80	1230	1,6
07104.12.30.050	48	5680	3000	Ra>80	1230	1,6
07104.15.30.046	42	5130	3000	Ra>80	1470	1,9
07104.15.30.060	57	6690	3000	Ra>80	1470	1,9
07104.03.40.012	11	1360	4000	Ra>80	390	0,5
07104.05.40.017	17	2090	4000	Ra>80	510	0,7
07104.07.40.021	21	2700	4000	Ra>80	750	1,0
07104.07.40.031	29	3500	4000	Ra>80	750	1,0
07104.12.40.027	23	3100	4000	Ra>80	1230	1,6
07104.12.40.040	35	4500	4000	Ra>80	1230	1,6
07104.12.40.053	48	5900	4000	Ra>80	1230	1,6
07104.15.40.048	42	5400	4000	Ra>80	1470	1,9
07104.15.40.066	57	7100	4000	Ra>80	1470	1,9



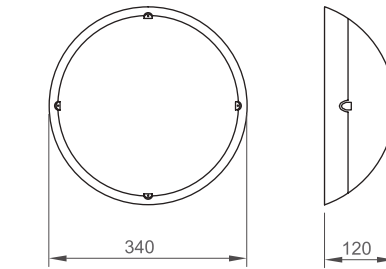
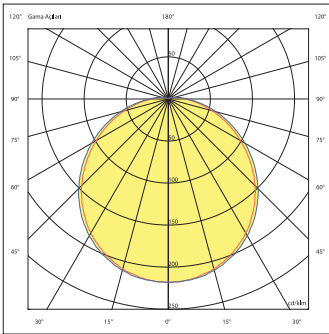
Housing	Impact resistant PC
Optics	Highly transmissive opal PC diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



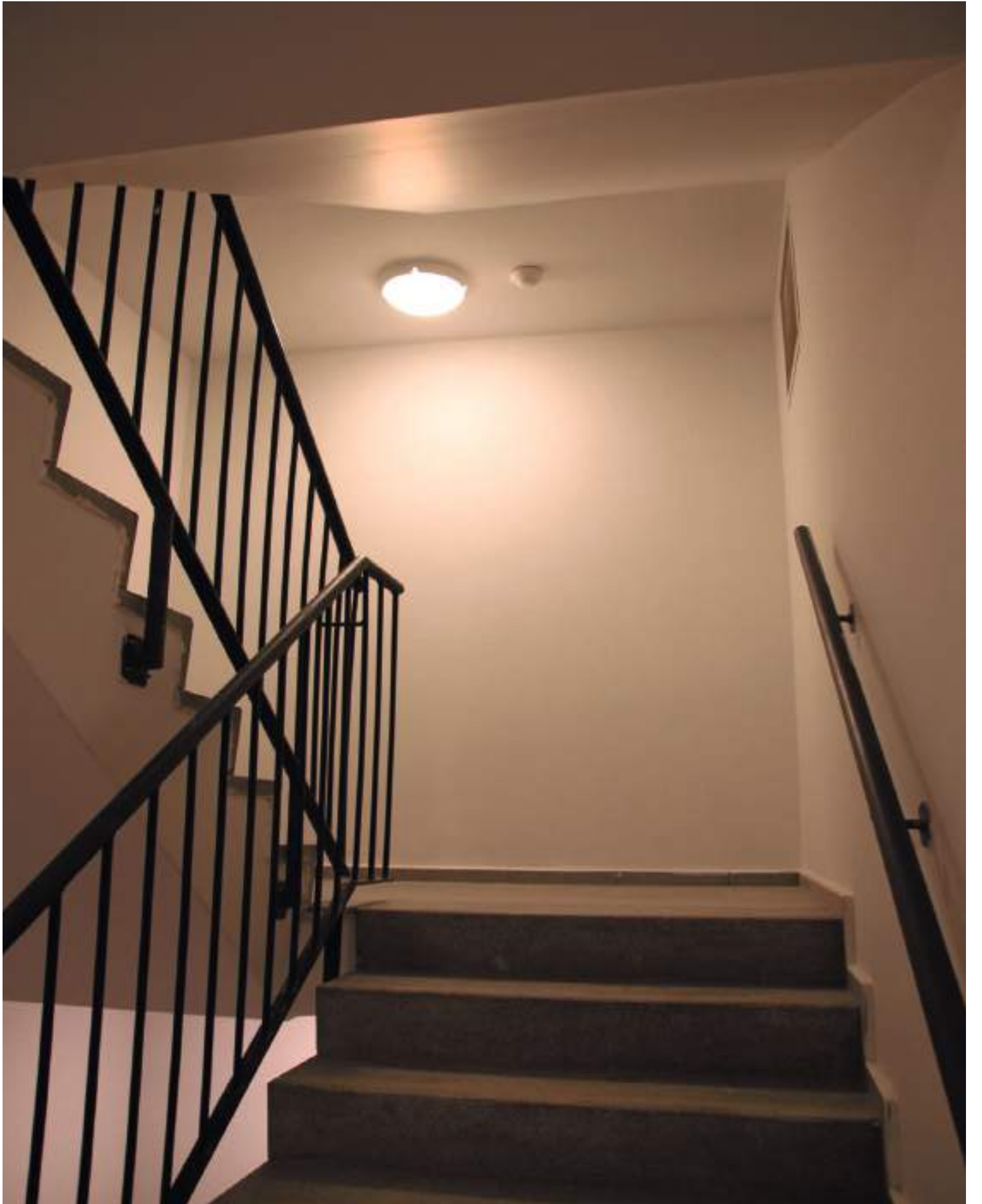
Order Code	W	Lm	CCT	CRI	W x L	Kg
07101.07.30.011	10	1100	3000	Ra>80	95x680	0,98
07101.16.30.039	35	3900	3000	Ra>80	95x1580	2,1
07101.12.30.024	20	2400	3000	Ra>80	95x1200	1,6
07101.12.30.032	29	3200	3000	Ra>80	95x1200	1,6
07101.12.30.043	41	4300	3000	Ra>80	95x1200	1,6
07101.07.40.012	10	1200	4000	Ra>80	95x680	0,98
07101.16.40.040	35	4000	4000	Ra>80	95x1580	2,1
07101.12.40.025	20	2500	4000	Ra>80	95x1200	1,6
07101.12.40.033	29	3300	4000	Ra>80	95x1200	1,6
07101.12.40.045	41	4500	4000	Ra>80	95x1200	1,6

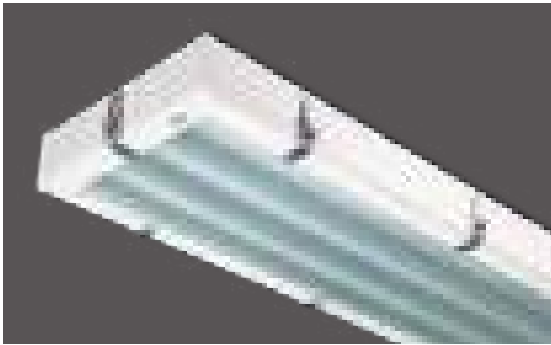


Housing	Impact resistant PC
Optics	Highly transmissive opal PC diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Order Code	W	Lm	CCT	CRI	Kg
06152.34.30.014	15	1400	3000	Ra>80	1,3
06152.34.30.017	18	1700	3000	Ra>80	1,3
06152.34.30.026	25	2600	3000	Ra>80	1,3
06152.34.40.015	15	1500	4000	Ra>80	1,3
06152.34.40.018	18	1800	4000	Ra>80	1,3
06152.34.40.027	25	2700	4000	Ra>80	1,3





Color Options



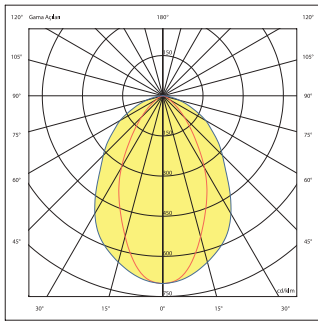
Ral 9016



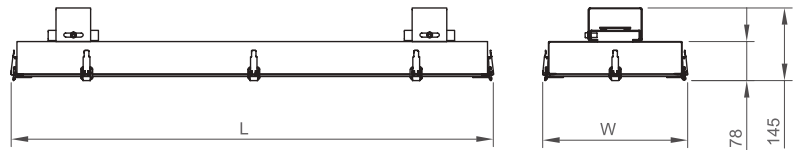
Ral 9006



Ral 9005



Housing	Electrostatic coated steel sheet
Reflector	Anodized aluminum
Glass	Tempered, sand-blasted glass
Optics	Highly transmissive opal PC diffuser
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit

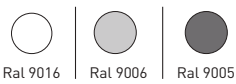


Order Code	W	Lm	CCT	CRI	W x L	Kg
07301.06.40.056	47	5670	4000	Ra>80	216x633	5,8
07301.09.40.085	70	8500	4000	Ra>80	216x915	7,0
07301.12.40.113	94	11350	4000	Ra>80	216x1197	8,1
07301.15.40.142	120	14200	4000	Ra>80	216x1477	9,2
07301.12.40.184	160	18400	4000	Ra>80	291x1197	11,5
07301.15.40.225	200	22500	4000	Ra>80	291x1477	13,0

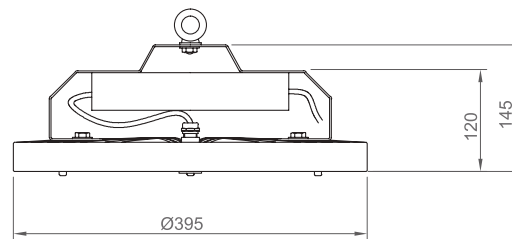
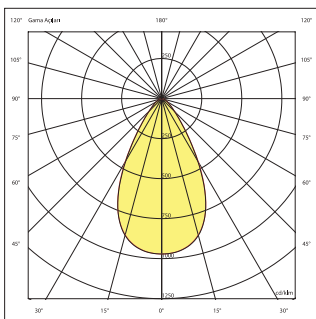




Color Options



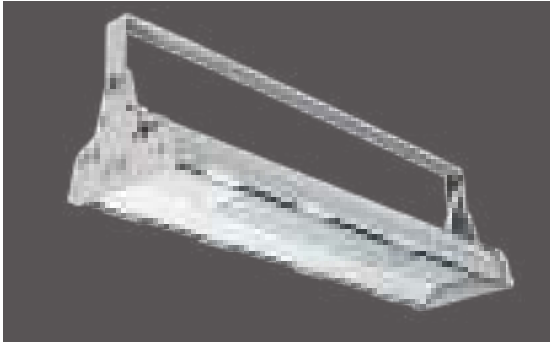
Housing	Die-cast aluminum with electrostatic coating
Optics	Clear optic lens
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Order Code	W	Lm	CCT	CRI	Kg
07306.39.40.080	60	8340	4000	Ra>80	4,2
07306.39.40.120	90	12500	4000	Ra>80	4,2
07306.39.40.150	124	17240	4000	Ra>80	4,2
07306.39.40.190	160	22240	4000	Ra>80	4,2



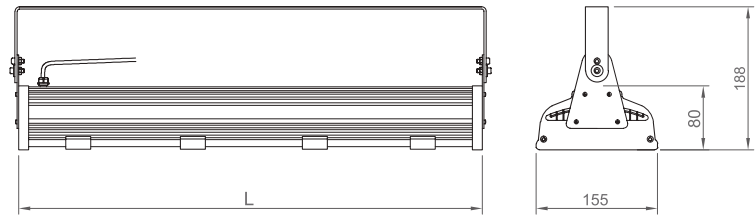
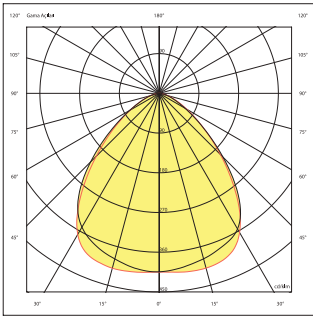




Color Options



Housing	Die-cast aluminum with electrostatic coating
Optics	Clear optic lens
Glass	Tempered and clear
Light Source	High efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Options	Dali 3 hour emergency lighting kit



Order Code	W	Lm	CCT	CRI	L (mm)	Kg
07303.03.30.060	60	6300	3000	Ra>80	370	3,3
07303.06.30.099	90	9900	3000	Ra>80	600	3,3
07303.06.30.132	120	13200	3000	Ra>80	600	4,9
07303.03.40.070	60	7000	4000	Ra>80	370	3,3
07303.06.40.108	90	10800	4000	Ra>80	600	3,3
07303.06.40.144	120	14400	4000	Ra>80	600	4,9



11 | OUTDOOR LIGHTING

BEAM D

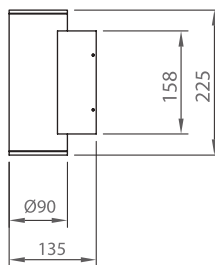
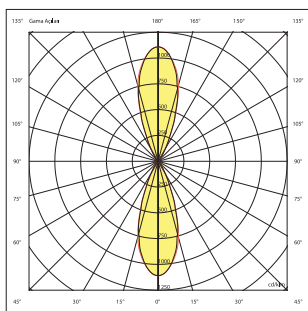


Color Options



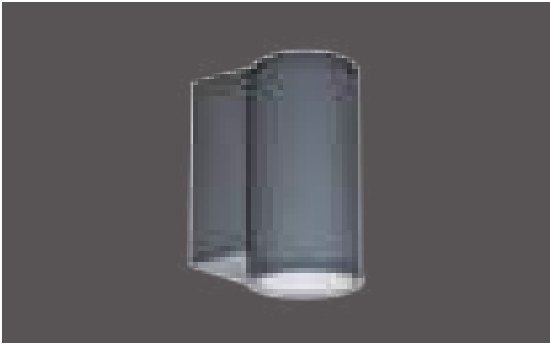
Antrasit

Housing	Die-cast aluminum with electrostatic coating
Reflector	Anodized aluminum
Glass	Tempered and clear
Light Source	High efficacy COB LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°



Order Code	W	Lm	CCT	CRI	Kg
06602.91.30.022	2x13	2x1200	3000	Ra>80	1,8
06602.91.40.023	2x13	2x1300	4000	Ra>80	1,8

BEAM S

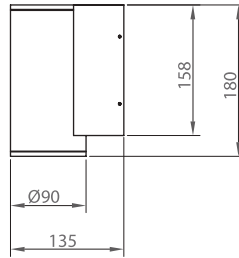
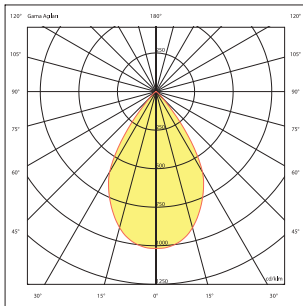


Color Options



Antrasit

Housing	Die-cast aluminum with electrostatic coating
Reflector	Anodized aluminum
Glass	Tempered and clear
Light Source	High efficacy COB LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°



Order Code	W	Lm	CCT	CRI	Kg
06602.91.30.011	13	1200	3000	Ra>80	1,6
06602.91.40.012	13	1300	4000	Ra>80	1,6

BEAM T

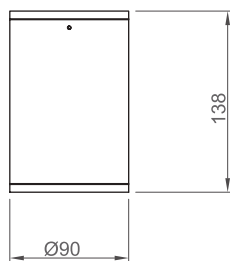
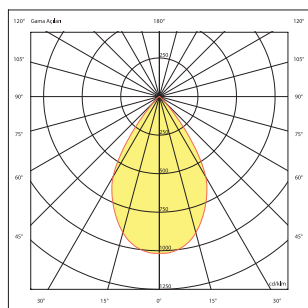


Color Options



Antrasit

Housing	Die-cast aluminum with electrostatic coating
Reflector	Anodized aluminum
Glass	Tempered and clear
Light Source	High efficacy COB LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°



Order Code	W	Lm	CCT	CRI	Kg
05260.90.30.011	12	1100	3000	Ra>80	0,65
05260.90.40.012	12	1200	5000	Ra>80	0,65

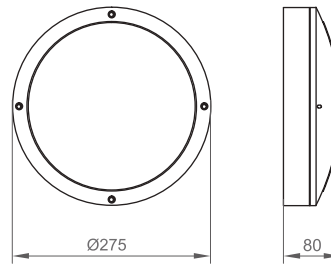
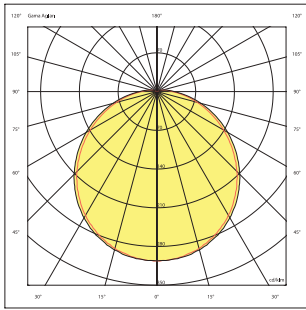


Housing	Die-cast aluminum with electrostatic coating
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy COB LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°

Color Options



Ral 9006



Order Code	W	Lm	CCT	CRI	Kg
09112.27.30.010	14	1000	3000	Ra>80	1,3
09112.27.30.016	19	1600	3000	Ra>80	1,3
09112.27.40.011	14	1100	4000	Ra>80	1,3
09112.27.40.017	19	1700	4000	Ra>80	1,3

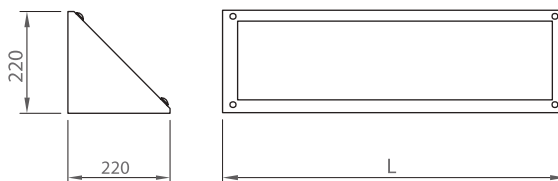
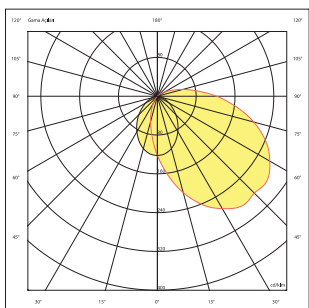
EDGE



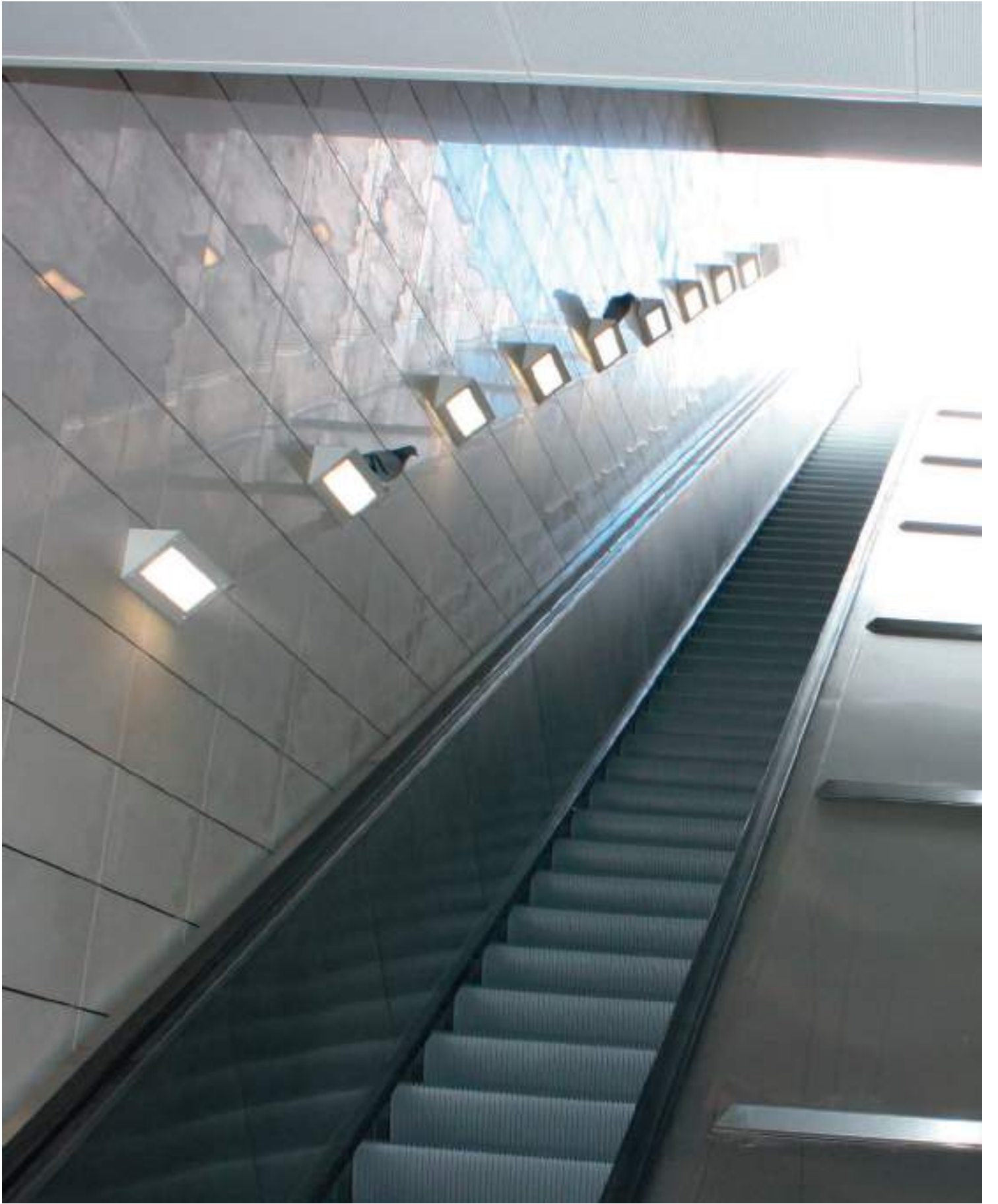
Color Options



Housing	Electrostatic coated steel sheet
Diffuser	Highly transmissive opal diffuser
Light Source	High efficacy COB LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+40C°
Ambient Temperature	Dali 3 hour emergency lighting kit



Order Code	W	Lm	CCT	CRI	L (mm)	Kg
06159.22.30.017	20	1700	3000	Ra>80	220x200	-
06159.22.30.034	40	3400	3000	Ra>80	220x430	-
06159.22.30.048	60	4800	3000	Ra>80	220x850	-
06159.22.40.018	20	1800	4000	Ra>80	220x200	-
06159.22.40.035	40	3500	4000	Ra>80	220x430	-
06159.22.40.050	60	5000	4000	Ra>80	220x850	-



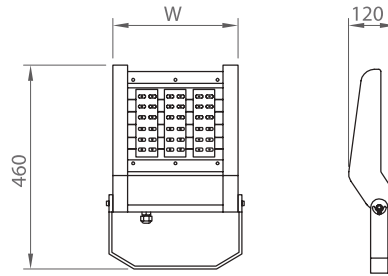
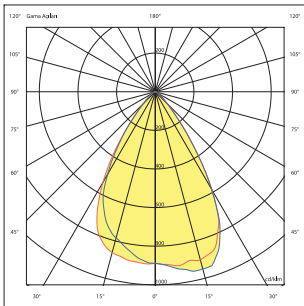


Color Options



Ral 9005

Housing	Electrostatic coated aluminum
Optics	Highly transmissive acrylic optic lens
Glass	Tempered and clear
Light Source	MacAdam Step-3 high efficacy High Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Lens Options	10°-25°-45°-120°
Options	54 W-100 W -20C/+50C 150W -20C/+40C



Order Code	W	Lm	CCT	CRI	W x L	Kg
09290.24.40.061	54	6100	4000	Ra>80	255x480	7,3
09290.24.40.077	76	7700	4000	Ra>80	255x480	7,3
09290.34.40.111	100	11100	4000	Ra>80	305x480	7,5
09290.44.40.162	151	16150	4000	Ra>80	405x480	7,9

SUNNY-R

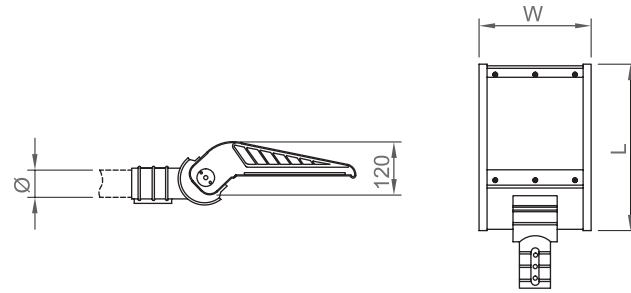
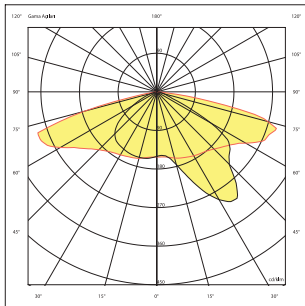


**Color
Options**



Ral 9005

Housing	Electrostatic coated aluminum
Optics	Highly transmissive assymmetric acrylic lens
Glass	Tempered and clear
Light Source	MacAdam Step-3 high efficacy Mid Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Options	DALI 3000K-5000K

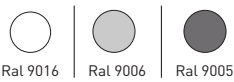


Order Code	W	Lm	CCT	CRI	W x L	Kg
09291.15.40.036	30	3600	4000	Ra>80	160x500	7,3
09291.25.40.077	76	7700	4000	Ra>80	255x500	7,3
09291.35.40.115	107	11100	4000	Ra>80	305x500	7,5
09291.45.40.162	151	16150	4000	Ra>80	405x500	7,9

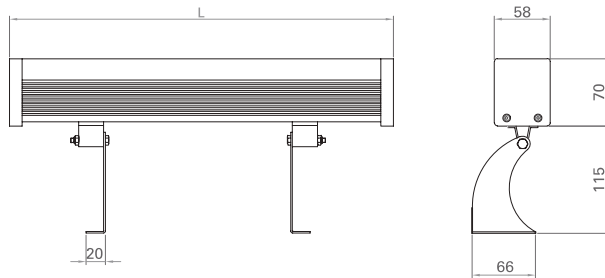
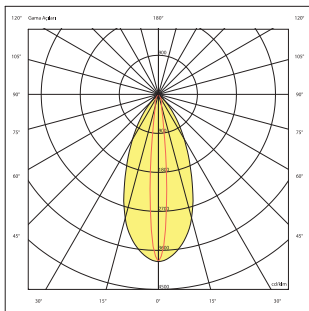
ANEMON



Color Options



Housing	Matte anodized aluminum
Optics	Highly transmissive optic lens
Glass	Tempered and clear
Light Source	MacAdam Step-3 high efficacy High Power LED with lifetime L80B50 > 50,000h
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/50-60Hz
Ambient Temperature	-20C°/+50C°
Lens Options	10°-25°-45°-120°
Options	DALI 5000K Red-Green-Blue-Amber



Order Code	W	Lm	CCT	CRI	L	Kg
05255.34.30.015	14	1540	3000	Ra>80	340	1,5
05255.65.30.030	29	3120	3000	Ra>80	650	2,9
05255.97.30.040	43	4730	3000	Ra>80	970	4,4
05255.12.30.060	55	6050	3000	Ra>80	1250	5,6
05255.34.40.016	14	1680	4000	Ra>80	340	1,5
05255.65.40.030	29	3480	4000	Ra>80	650	2,9
05255.97.40.040	43	5160	4000	Ra>80	970	4,4
05255.12.40.060	55	6600	4000	Ra>80	1250	5,6



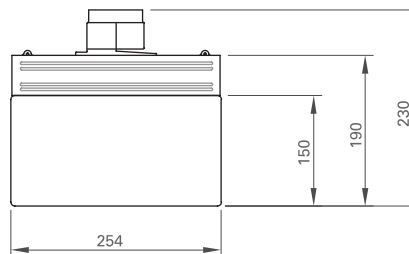


12 | EMERGENCY EXIT SIGN LUMINAIRE

ESCAPE



Housing	ABS V0 flame resistant plastic housing
Exit Sign	Foil printed acrylic lens
Light Source	SMD Mid Power LED
Battery	3h Ni-Cd battery
Supply Voltage	220-240V/ AC 50-60Hz
Ambient Temperature	-5C°/+40C°
Ingress Protection	IP40
Time to Full Charge	24 hours



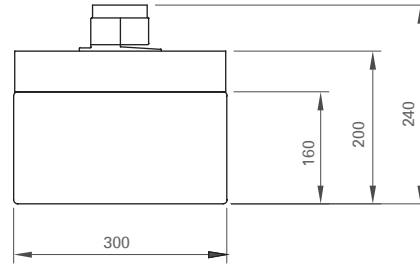
Pictogram Options



Order Code	W	Lm	Battery	Method of Use	Kg
80501.002	1,2	20	3H	Single Sided	0,55
80502.002	1,2	20	3H	Double Sided	0,55



Housing	Glossary anodized/Chrome plated aluminum
Exit Sign	Foil printed acrylic lens
Light Source	SMD Mid Power LED
Battery	3h Ni-Cd battery
Supply Voltage	220-240V/ AC 50-60Hz
Ambient Temperature	-5C°/+40C°
Ingress Protection	IP40
Time to Full Charge	24 hours



Pictogram Options

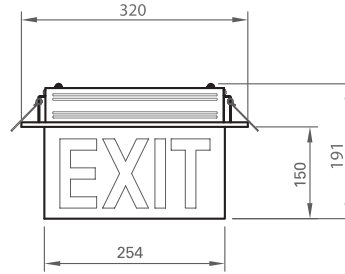


Order Code	W	Lm	Battery	Method of Use	Kg
80301.001	1,2	20	3H	Single Sided	0,70
80302.001	1,2	20	3H	Double Sided	0,70

FREE Recessed



Housing	Electrostatic coated steel sheet
Exit Sign	Foil printed acrylic lens
Battery	3h Ni-Cd battery
Driver	Constant current output, Pf>0.90
Supply Voltage	220-240V/ AC 50-60Hz
Ambient Temperature	-5C°/+50C°
Ingress Protection	IP40
Time to Full Charge	24 hours



Pictogram Options

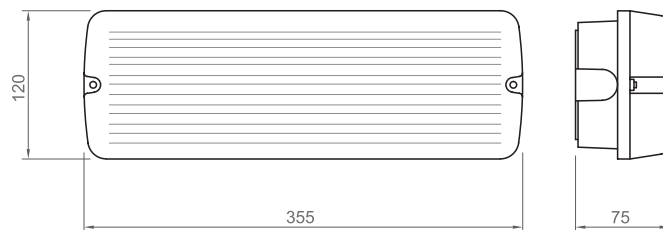


Order Code	W	Lm	Battery	Method of Use	Cut-out (mm)	Kg
80401.002	1,2	20	3H	Tek Yüzlü	290x35	0,45
80402.002	1,2	20	3H	Çift Yüzlü	290x35	0,45





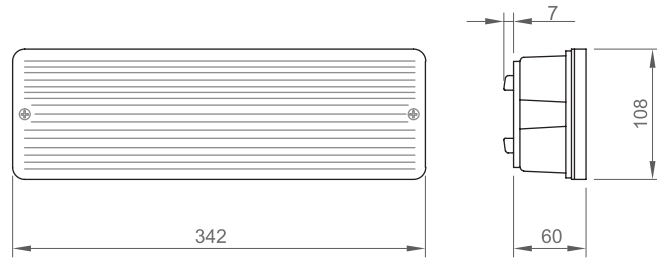
Housing	ABS V0 flame resistant plastic housing
Optics	Acrylic lens
Light Source	SMD Mid Power LED
Battery	3h Ni-Cd battery
Supply Voltage	220-240V/ AC 50-60Hz
Ambient Temperature	-5C°/+40C°
Ingress Protection	IP40
Time to Full Charge	24 hours



Order Code	W	Lm	Battery	Method of Use	Kg
80503.001	1	120	3H	On Emergency	0.45
80503.002	2	130	3H	Always On	0.45



Housing	ABS V0 flame resistant plastic housing
Exit Sign	Opal acrylic lens
Light Source	SMD Mid Power LED
Battery	3h Ni-Cd battery
Supply Voltage	220-240V/ AC 50-60Hz
Ambient Temperature	-5C°/+40C°
Ingress Protection	IP65
Time to Full Charge	24 hours

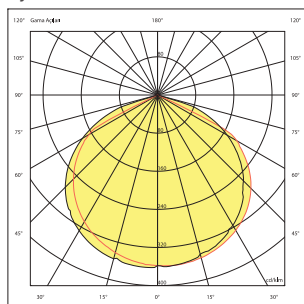


Order Code	W	Lm	Battery	Method of Use	Kg
80503.001	2,4	350	3H	On Emergency	0,65
80503.002	2,4	350	3H	Always On	0,65

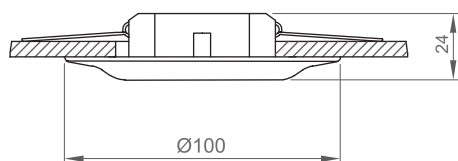
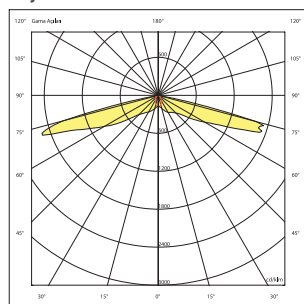


Housing	Polycarbonate (PC)
Optics	Asymmetric acrylic lens
Light Source	SMD Mid Power LED
Battery	3h Ni-Cd battery
Supply Voltage	220-240V/ AC 50-60Hz
Ambient Temperature	-5C°/+40C°
Time to Full Charge	24 hours
General Specifications	*Emergency lighting function by interruption of the unswitched phase *Emergency lighting function in case of low-voltage *3h operation on emergency *Charge status display with green LED *Emergency test button *Battery overcharge and deep discharge protection

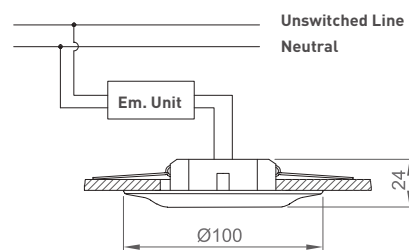
Symmetric



Asymmetric



Wiring Diagram



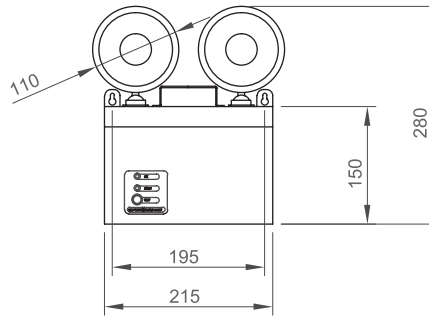
PHOTOMETRY DATA (3W)

Open Area (Anti-Panic) Lighting (for min. 0,5lux) (Symmetric LENS)			Escape Route Lighting (for min. 1lux) (Asymmetric LENS)		
Mounting Height (m)	Distance Between Luminaire and Wall (m)	Distance Between Luminaires (m)	Mounting Height (m)	Distance Between Luminaire and Wall (m)	Distance Between Luminaires (m)
2,00	3,00	5,50	2,00	6,50	11,50
2,50	4,00	7,50	2,50	8,00	15,50
3,00	4,50	8,50	3,00	9,50	18,50
3,50	4,50	10,00	3,50	10,50	21,50
4,00	5,00	11,00	4,00	11,00	24,00

Order Code	W	Lm	Battery	Method of Use	Kg
81610.103	3	300	3H	On Emergency	0.45



Housing	Electrostatic coated steel sheet
Optics	Acrylic lens
Light Source	SMD Mid Power LED
Battery	3h Ni-Cd battery
Supply Voltage	220-240V/ AC 50-60Hz
Ambient Temperature	-5C°/+40C°
Ingress Protection	IP40
Time to Full Charge	48 hours

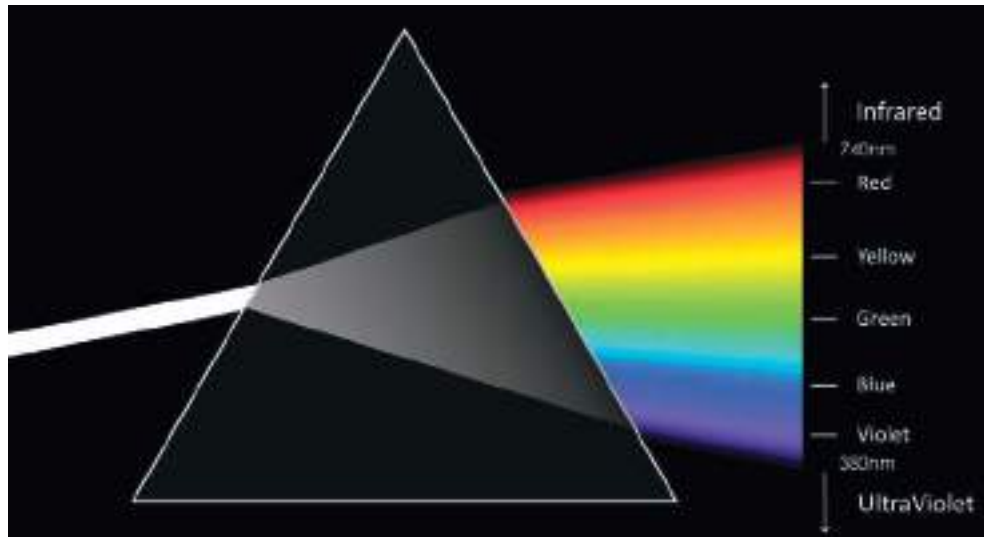


Order Code	W	Lm	Battery	Method of Use	Light Source	Kg
81609.109	1x9	1000	1H	Acilde	LED Modül	1,2
81610.109	1x9	700	3H	Acilde	LED Modül	1,2
81615.209	2x9	2000	1H	Acilde	LED Modül	1,2
81616.209	2x9	1400	3H	Acilde	LED Modül	1,2



13 | TECHNICAL INFORMATION

Luminous Flux: It is the power of light perceived by human eye and its unit is lumen. White light is the combination of a wide spectrum of mono chromatic light in different wavelengths and human eye is sensitive to the light between 280-740nm wavelength.



Driver Code	W	H	Beam Angle	DOT	WET	FLP-out (lm)	FL
WET 00.000.00.000	0	200	40°	0000	FLP-out	FLx75	0.0
WET 00.000.00.001	1	3000	40°	0000	FLP-out	FLx75	0.0
WET 00.000.00.000	0	200	40°	0000	FLP-out	FLx75	0.0
WET 00.000.00.001	1	3000	40°	0000	FLP-out	FLx75	0.0

Total Demanded Power on the Grid

Luminous flux of the fixture after optical losses

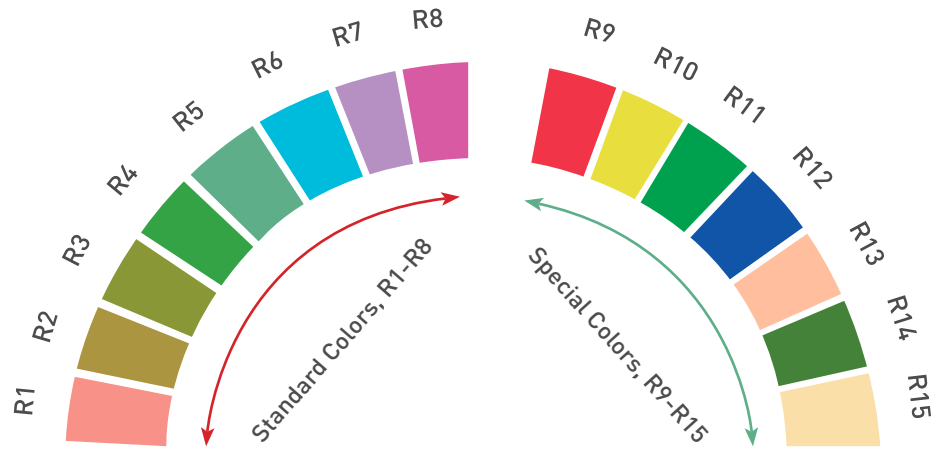
Efficacy and Efficiency: Lighting fixture efficiency (LOR – Light Output Ratio) is the ratio of total light output of the luminaire to the total light output of light source, LED module. Efficiency is used to describe optic losses and it should not be confused with energy efficiency. For energy efficiency, efficacy should be used. Efficacy of a lighting fixture describes the ratio of luminous flux of the luminaire to the total consumed power. In other words, it is the energy conversion efficiency, from electricity to the light. Efficacy of a lighting fixture depends on the efficacy of a lighting source inside, the LOR of the fixture and the efficiency of the electronic driver.

Illuminance: It is the total luminous flux incident on a surface per unit area. The ratio of lumen incident on square meter area is described with lux. It is used to understand how much a space is lit especially in indoor applications.

In a lighting project, EN 12464-1, Light and Lighting – Lighting of work places – Part 1: Indoor work places, can be used to determine minimum lighting levels in an indoor work spaces. The summary table in this standard can be found Minimum Lighting Levels section in our catalog.

CRI (Color Rendering Index): Color rendering index is a rating system to try to determine how successful a light source is at revealing colors of various objects in comparison with a reference source. White light is comprised of different colors at different wavelengths. For instance, when a white light source with scarce blue is used illuminate a white object, the object will be seen as more yellowish.

CRI is one of the methods used in order to express this effect quantitatively. It is calculated by measuring light source's radiant power at 8 reference colors, R1 – R8. It is taken value between 0 and 100. When expanded with additional 7 special colors, it is generally called Ra and it has a more saturated red color which leads to better representation.



The impact of CRI on the appearance of an object is shown below by two different scenes with CRI92 and CRI70 light sources.



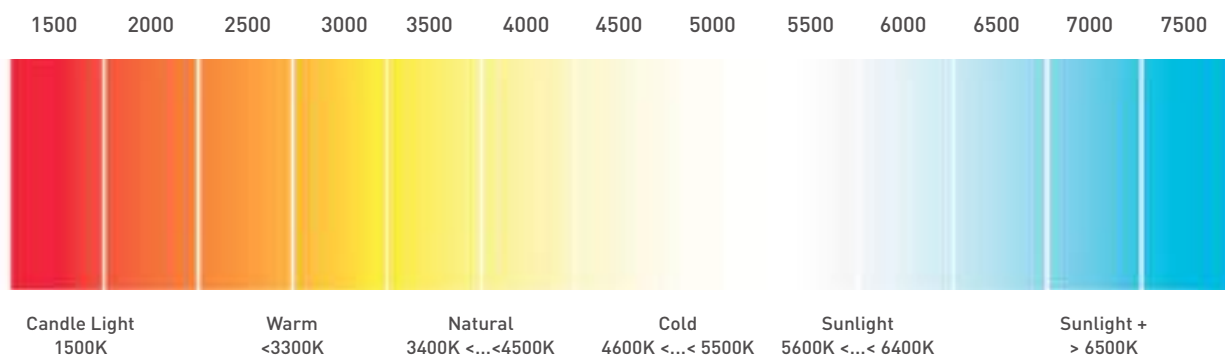
CRI92

CRI70

CCT (Correlated Color Temperature): Color temperature, CCT, is used to distinguish white light sources in terms of their color differences. White light is composed of different colored lights. Their mixing ratio changes the spectral distribution and thus the appearance of white light.

Any object which has a temperature radiates light. When the object gets hotter, its light shifts from infrared towards ultraviolet which has denser energy. In order to classify white light sources, a theoretical black body which radiates in every wavelength is used as a reference. When we mention a 5000K light source, it means that its color matches a glowing 5000K (4727°C) black body's. For instance, incandescent light bulbs uses this phenomena. The filament inside is heated up to 2500°C-3000°C to produce visible white light.

Below the whole color spectra and corresponding CCT values can be seen:



LEDs in the lighting industry are essentially a blue LED die covered with phosphorus to convert blue light (~455nm) to a light with wider spectrum. During manufacturing, LED die's light may shift from 455nm or the mixing ratio in phosphorus layer may differ. This in turn leads to shift in color temperature of the LEDs. LED manufacturers groups the LEDs which has a similar color at the end of production. This process is called binning. Below, an example of this from an international manufacturer can be seen on a CIE color map:

Warm White (2500K – 3300K): 2500K – 3300K white light which comprised heavily red-yellow is called warm white. It is best to use warm white light sources to create a more comforting, relaxing spaces or to accent displayed goods that have warmer colors.

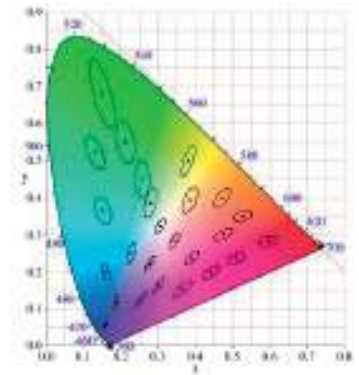
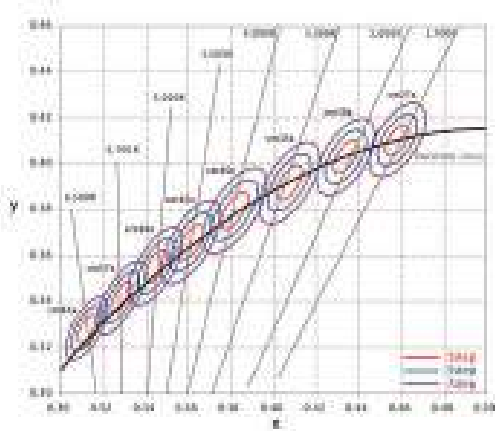
Natural White (3400K – 4500K): 3400K – 4500K white light which has a more balanced spectrum, between blue and red, is called natural white. Natural white should be used in work places and display areas where colored products are on. Blue light has a positive effect on alertness and concentration. Natural white's balance between blue and red provides both alertness and comfort.

Cold White (4600K – 5500K): 4600K – 5500K white light which, compared to natural white, comprised more blue is called cold white. Its dense blue color provides an even more stimulating environment than natural white does by suppressing melatonin hormone. It is best to use cold white in work places where important visual tasks take place such as cleaning, visual inspection, etc.

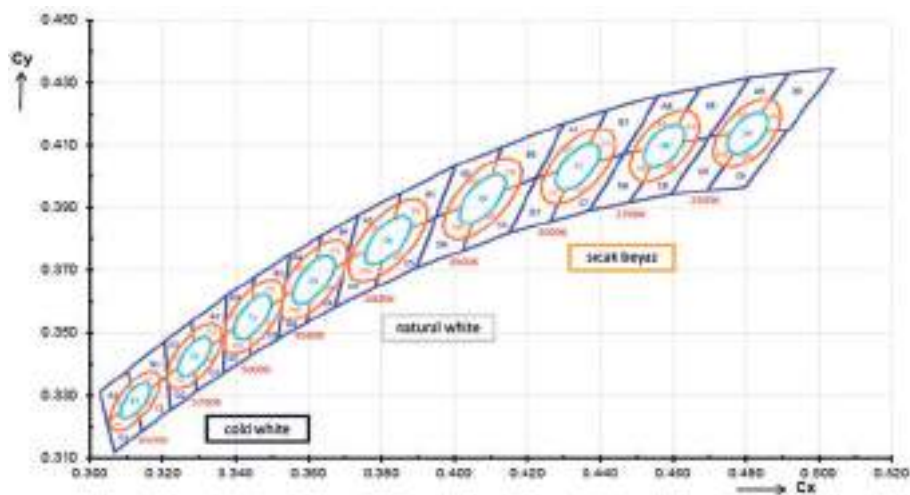
Sunlight White (5600K – 6500K): 5600K – 6500K white light which comprised heavily blue is called sunlight white. Because of its high blue content, it has even more stimulating effect. Long time exposure may cause harmful effects on circadian rhythm.

MacAdam: MacAdam ellipses are the product of David MacAdam's work in 1942, where he tried to determine how successful a person is at distinguishing two different colors. Marking these two points representing colors, where they can not be distinguished by human eye, on CIE 1931 color map forms ellipses.

Manufacturers use scaled MacAdam ellipses during binning procedure. In graph below, 3 step, 5 step and 7 step ellipses are shown. 3 step ellipses, for instance, are much narrower compared to 7 step and this makes colors in these ellipses much more difficult to distinguish.



LEDs in the lighting industry are essentially a blue LED die covered with phosphorus to convert blue light (~455nm) to a light with wider spectrum. During manufacturing, LED die's light may shift from 455nm or the mixing ratio in phosphorus layer may differ. This in turn leads to shift in color temperature of the LEDs. LED manufacturers groups the LEDs which has a similar color at the end of production. This process is called binning. Below, an example of this from an international manufacturer can be seen on a CIE color map:



UGR (Unified Glare Ratio): Unified glare ratio is used as a quantitative measurement of glare exposed to observer in an environment. UGR value is for a lighting application rather than a lighting fixture.

$$UGR = 8 \log \left[\frac{0,25}{L_b} * \sum \frac{L^2 \omega}{\rho^2} \right]$$

- L_b is the background luminance (cd/m²)
- L is the luminance of the luminous parts of each luminaire in the direction of the observer's eye (cd/m²)
- ω is the solid angle of the luminous parts of each luminaire at the observer's eye (sr)
- ρ is the Guth position index for each luminaire (displacement from the line of sight)

As seen in the equation, UGR value depends on the luminance created by all lighting fixtures in the environment and the background luminance. It is affected by luminous flux of the fixture, its light distribution, number of luminaires, reflectivity of surfaces and the position of each element including the observer.

In order to compare two different luminaires based on only the luminaire data, manufacturers give a UGR value which is based on a standard environment where all variables are fixed except for the fixture's photometric data.

In the lighting projects, EN 12464-1, Light and lighting. Lighting of work places. Indoor work places recommendations can be used as a reference for maximum UGR values.



LM79: LM-79-19, Approved Method: Optical and Electrical Measurements of Solid-State Lighting Products, has been composed to perform photometric tests of LED lighting fixtures by IES (Illuminating Engineering Society). Although the measurement methods are similar to European standard EN 13032-1, it is solely focused on LED fixtures.

LM-79-08 is for the complete products and it is performed to measure following features of the luminaire:

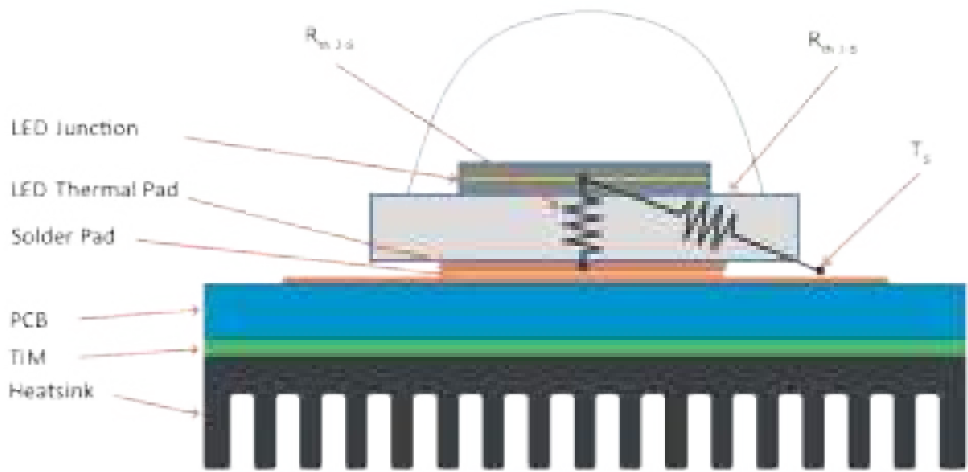
- Total light output / Luminous flux
- Power consumption
- System efficacy (lm/W)
- Spectral distribution (color rendering, color temperature)
- Spatial light distribution

LM80: LM-80-15, Measuring Luminous Flux and Color Maintenance of LED Packages, Arrays and Modules, is used to determine economic lifetime of LED light sources.

Due to thermal and mechanical stress, optical and electrical characteristic of LED packages change over time. These changes are mainly increase in their forward voltage, decrease in their light output and shift in color. To determine these changes over a lifetime of an LED packages, LM-80-15 test method is followed, which lasts for a minimum of 6000 hours.

After this process, TM-21-19, Projecting Long Term Lumen, Photon, and Radiant Flux Maintenance of LED Light Sources, calculation method is used to project over a long time, which is the six times of the LM-80-15 test duration. The result is given in a LxxByy (i.e. L70B50 > 50,000h) format. "L" stands for the percentage of light output at the specified time over initial luminous flux. "B" is the percentage of the LEDs whose light output degrades more than "L" value.

T_j (Junction Temperature): T_j is the temperature on LED's p-n junction. The economic lifetime of LEDs heavily depend on junction temperature.



Measuring junction temperature is difficult since there is no physical access. In order to find T_j, the temperature on the solder points are measured via thermocouples and T_j is calculated using measurement result and thermal resistance between solder point and junction, which is given by the manufacturer.

Thermal design of lighting fixtures is crucial to keep junction temperature of LEDs at optimum level to increase its lifetime.

EMC (Electromagnetic Compatibility): It is the electromagnetic compatibility with other electronic devices in the vicinity and on the same power lines. Electric devices emit electromagnetic noises that may cause other devices not work properly. Therefore, electromagnetic noises and harmonic distortions caused by electronic devices should be in limit set by European standards to ensure all devices work in harmony. EMC is one of the four directives for CE declaration.



LED Driver: Drivers are electronic circuits that regulate electric current and voltage applied to LED modules. Internal resistance of LEDs is quite low, which is why the current is very susceptible to voltage changes. Moreover, there is a certain amount of current passing through LEDs before failure. Therefore, LEDs should be driven with constant current to increase their lifetime.

All LEDs in İkizler Lighting products are driven with constant current. In cove lighting projects where constant voltage drivers are used, it is converted to constant current via ICs on the LED modules.

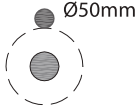
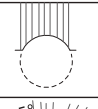
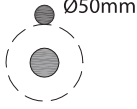
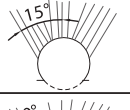
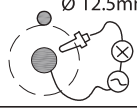
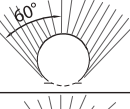
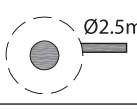
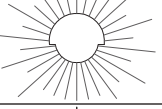
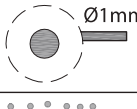
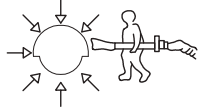
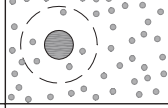
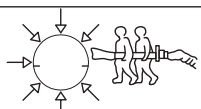
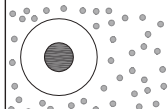
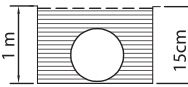
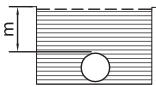
With the advancement of LEDs, drivers have become primary point of concern for lifetime of lighting fixtures. A high-quality driver not only has a long lifetime but also increases the lifetime of LEDs. Furthermore, power factor and total harmonic distortion of a fixture depends on the LED drivers.

IK (Impact Resistance): It is a rating system to describe how resistant an electronic device is against impacts. IK rating is only for the whole housing. The tests are performed according to standard, EN 62262. Spring hammer, pendulum and free-falling weights can be used during tests. The rating is based on the kinetic energy of the object at the time of impact.

IK RATING

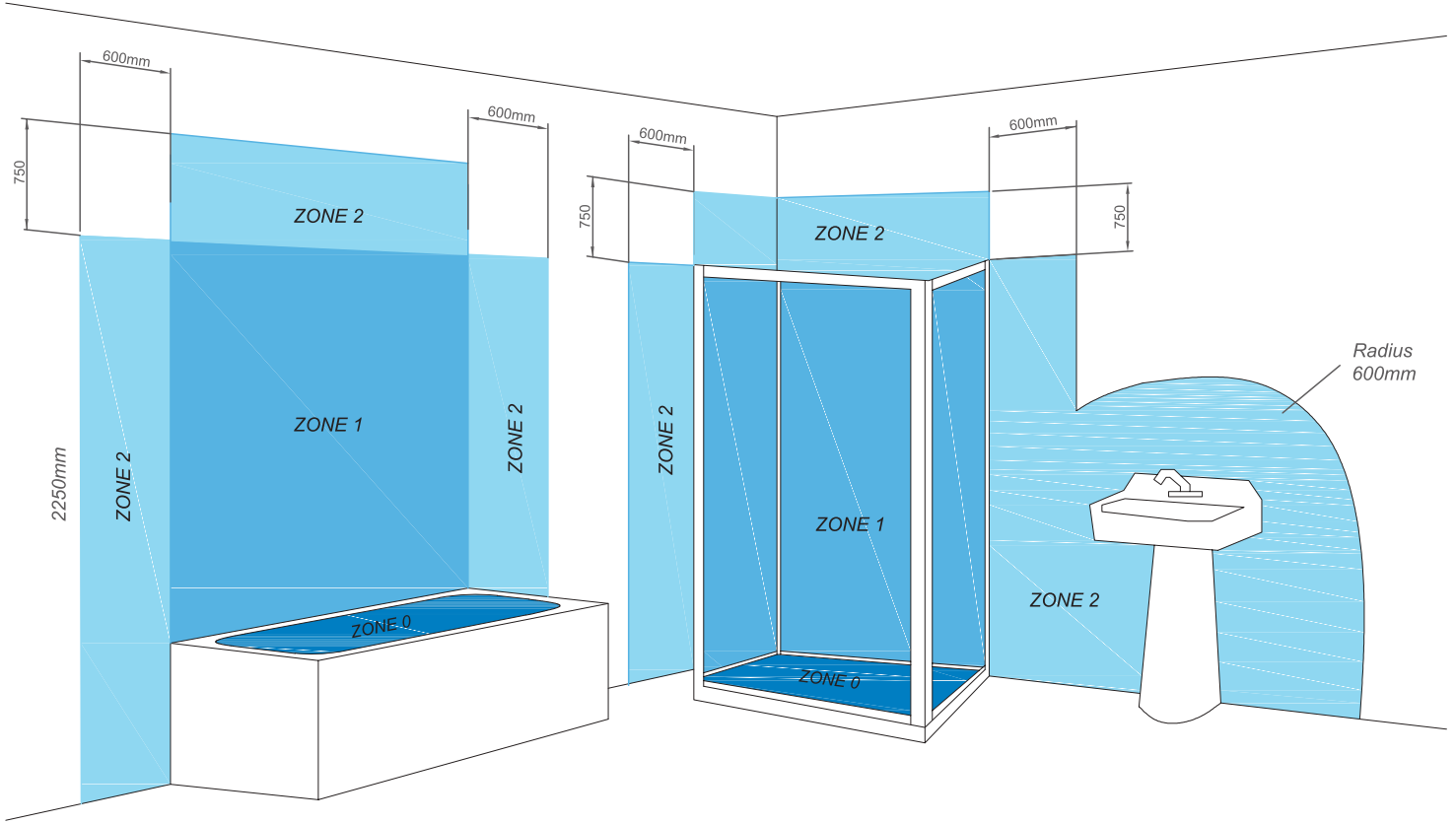
1 200g 7.5cm 0.15 joule impact	2 200g 10cm 0.20 joule impact	3 200g 17.5cm 0.35 joule impact	4 200g 25cm 0.50 joule impact	5 200g 35cm 0.70 joule impact
6 500g 20cm 1 joule impact	7 500g 40cm 2 joule impact	8 1.7kg 10cm 5 joule impact	9 5kg 20cm 10 joule impact	10 5kg 40cm 20 joule impact

IP CLASS PROTECTION FOR INSTRUMENTS

1st Number: Dust and Foreign Object Protection			2st Number: Water and Moisture Protection		
IP	Solid Object Protection		IP	Water Protection	
			0		Unprotected
0		Unprotected	1		Protected against condensation
1		Protected against touch by hands (>50mm)	2		Protected against water spray < 15 degrees from vertical
2		Protected against touch by fingers (>12mm)	3		Protected against water spray < 60 degrees from vertical
3		Protected against tools and wires (>2.5mm)	4		Protected against water spray from any direction
4		Protected against tools and small wires (>1mm)	5		Protected against low pressure water jets from any direction
5		Limited dust ingress protection	6		Protected against high pressure water jets from any direction
6		Total dust ingress protection	7		Protected against immersion between 15cm and 1m depth
			8		Protected against long term immersion to a specified pressure



WET LOCATION - LIGHTING FIXTURE IP CLASSIFICATION



Zone 0: Inside of bath tub, shower cabinet etc, at least IP67 and low voltage (max.12V)

Zone 1: 225 cm over wet surface, minimum IP65

Zone 2: 60cm around wet surface, at least IP44

Zone 3: Other areas excluded Zone1 and Zone2, IP is not required

IMPORTANT: If wet surface is cleaned with high pressure water. Zone1, Zone2, Zone3 the min protection must be IP65

ILLUMINANCE LEVELS

Locality Type	Illumination Level	Locality Type	Illumination Level
RESIDENCES, HOTELS, RESTAURANTS		HOSPITALS	
Bedrooms	50 Lux	Waiting Rooms (Lobbies) – Corridors (Daytime)	200 Lux
Headboard	200 Lux	Corridors (Nighttime)	50 Lux
Bathrooms (General)	100 Lux	Personnel Working Volumes	500 Lux
Bathrooms (Mirror front) & Kitchens (Counter top)	500 Lux	Personnel Rooms	300 Lux
Kitchens (General)	300 Lux	Medical Wards	
Living Rooms (General)	100 Lux	General Illumination	100 Lux
Stairs, Escalator, Lifts	150 Lux	Illumination for Reading	300 Lux
Cafeterias	200 Lux	Medical Examination & Treatment	1000 Lux
Warehouse	50 Lux	Nighttime Lighting, Observation Rooms	5 Lux
Locker Rooms, Toilets	100 Lux	Baths & Toilets for Patients	200 Lux
Gym Rooms, Wardrobe, Laundry	100 Lux	Treatment Rooms (General)	500 Lux
OFFICES, SHOPPING MALLS		Ear & Eye Treatment (Local Lighting)	1000 Lux
General Office Spaces	500 Lux	Reading & Colour Blindness Test (Laboratories)	500 Lux
Open Offices	750 Lux	Delivery Rooms (Bed)	10000 Lux
Drafting Rooms	1000 Lux	Delivery Rooms (General)	500 Lux
Waiting Rooms (Lobbies)	200 Lux	Dialysis Rooms, Dermatology Rooms, Plaster Cast Rooms	500 Lux
Information Technology Centres, Department Stores (General)	300 Lux	Endoscopy Rooms	300 Lux
Supermarkets	750 Lux	Medical Bathrooms, Massage & Actinotherapy	300 Lux
Department Stores & Showrooms, Cash Point & Packaging	500 Lux	Preparation for Surgery	500 Lux
Computer & Data Origination Rooms	500 Lux	Surgery Room	1000 Lux
CULTURAL & ART		Intensive Cure	
Concert, Theatre & Cinema Halls (General)	100 Lux	General Lighting - Medical Examination & Treatment	100 Lux
Concert, Theatre & Cinema Halls (Lounge)	200 Lux	Simple Medical Examinations	300 Lux
Light-Resistant Object's Lunch	150 Lux	Nighttime Observations	20 Lux
Light-Resistant Object's Lunch	300 Lux	Dentists	
SCHOOLS		General Lighting	500 Lux
Nursery Schools, Preschools, Elementary School (Classrooms)	300 Lux	On Patient (Local)	1000 Lux
Conference Halls, Auditoriums, Lecture Halls	500 Lux	On Operation Chair	5000 Lux
Black & Green & White Boards	500 Lux	Colour Control (on Laboratories)	1000 Lux
Stairs	150 Lux	Sterilisation Rooms - Disinfected Rooms	300 Lux
Artworks, Laboratories, Libraries	500 Lux	CARPARKS	
Technical Drawing Rooms	750 Lux	Inside & Outside Access Ramp (During The Day)	300 Lux
Pupil Cafeterias & Halls	200 Lux	Inside & Outside Access Ramp (Nighttime) – Parking Areas	75 Lux
Teachers' Lounges	300 Lux	AIRPORTS	
WAREHOUSES		Arrivals & Departures Passenger Luggage Alarm	200 Lux
Warehouses (Corridors)	50 Lux	Connection Areas, Escalators	150 Lux
Warehouses with road inside	200 Lux	Information Desks, Registration Desks	500 Lux
AUTOMATED & HIGH-PILLING WAREHOUSES		Customs & Passport (Control Desks)	500 Lux
Corridors	20 Lux	Waiting Areas (Lobbies)	200 Lux
Operation & Distribution Points	200 Lux	Security Areas	300 Lux
TOILETS, CLEANING SERVICES & FIRST-AID ROOMS		Air Safety Control Tower	500 Lux
Cafeterias	200 Lux	Maintenance & Repair Airdromes – Engine Control Areas	500 Lux
Shower Baths, Toilets, Locker Rooms	100 Lux	Platforms & Passenger Interchanges	50 Lux
Infirmery & First Aid Rooms	100 Lux	Ticket & Luggage Offices & Counters	30 Lux
INDOOR UTILITY ROOMS		Waiting Volumes	200 Lux
Engine Rooms (Power, Connection & Distribution Points)	100 Lux	EXTERIOR LIGHTING	
Switchboards	500 Lux	Exterior Lighting for Traffic Arterial in Residential Areas	15 Lux
INDUSTRIAL AREAS		Cross-Road (Inter-Municipalities)	10 Lux
Textile Mills (Testing & Controlling Points)	750 Lux	Highway (Inter-Municipalities)	
Leather Mills	500 Lux	Inside of Residential Areas	
Furniture Mills & Metal Working Mills	500 Lux	Rapid Transit Ways in Urban	20 Lux
		Tunnels (Lighting During The Day)	100 Lux
		Nighttime Lighting	50 Lux
		Commercial Road in Traffic	10 Lux
		Residential Road in Traffic	75 Lux

CLASS OF PROTECTION



Connection to grounding wire is absolutely essential.
This symbol belongs on the connecting terminal.



These lights are not allowed to have a grounding connection
and cannot be connected to a grounding circuit.



Lights are not allowed to have a grounding connection and
cannot be connected to a grounding circuit.



14 | REFERENCES

TURKEY REFERENCES

HOSPITALS

Tekirdag City Hospital
Medicana Hospital, Izmir Turkey
Ankara Bilkent Intergrated Healthcare Campus
Mersin Intergrated City Hospital
Isparta City Hospital
Halkali State Hospital with 400 Beds, Istanbul Turkey
Edirne TOKI State Hospital with 300 Beds
Fatih Sultan Mehmet State Hospital, Istanbul Turkey
Karsiyaka State Hospital with 400 Beds, Izmir Turkey
Kanuni Sultan Suleyman Training and Research Hospital
Corlu Private Reyap Hospital, Tekirdag Turkey
Manisa Soma State Hospital with 300 Beds
Samsun Psychiatric Hospital with 200 Beds
Antalya Medical Park Hospital
Viransehir State Hospital with 200 Beds
Kadikoy Sifa Health Facilities, Istanbul Turkey
American Hospital, Istanbul Turkey
Baskent University Hospital
Dunya Goz Hospital
Gaziantep Medical Park Hospital
Duzce State Hospital with 300 Beds
Samsun Psychiatric State Hospital
Agri State Hospital
Ordu State Hospital
Rize State Hospital
Kelkit State Hospital
Silivri State Hospital
Florance Nightingale Hospital, Kemerburgaz Turkey
Samsun Medical Park Hospital
Sivas State Hospital
Sakarya State Hospital with 400 Beds
Erdem Hospital
Van Medical Park Hospital
Samatya Training and Research State Hospital
Izmir Atatürk Training and Research State Hospital
Unye State Hospital with 300 Beds
Ankara Sanitorium State Hospital
Kastamonu State Hospital
Aydin University Medical Park Hospital
Sakarya Konak Hospital
Hisar Umraniye Hospital
Edremit Korfez Hospital
Artvin State Hospital with 200 Beds
Balikesir State Hospital with 850 Beds
Kartal Lutfi Kirdar Training and Research Hospital
Igdir State Hospital with 250 Beds
Isparta City Hospital with 755 Beds

Istanbul Suleymaniye State Hospital
Izmir Urla State Hospital with 150 Beds
Izmit Yesilyurt
Kars Kagizman State Hospital
Mersin Intergrated City Hospital
Rize State Hospital with 300 Beds
Acibadem Hospital
Behcet Uz Children's Hospital
Istanbul Bayrampasa Colonic Hospital
Kolan Hospital, Istanbul Turkey
Medical Park Healthcare Group
NRC Healthcare Services, Gaziantep Turkey
Private Eryaman Hospital
Istanbul Basaksehir City Hospital (1/2 ikizler)

EDUCATIONAL INSTITUTIONS

Nigde University Faculty of Theology
Koc University Medical Faculty Health Sciences Campus
Istanbul Commerce University Sutluce Campus
TED College
Istanbul Yesilkoy War Academy
Istanbul Technical University Faculty of Arts and Sciences
Yeditepe University
Sebahattin Zaim University Teachers College
Kadir Has University
Izzet Baysal University
Istek Vakfi Educational Institutions
Okan University
Private Isik College, Ispartakule Turkey
Koc University Batı Dormitory
Istanbul Technical University Steel Control and Research Centre
Halkali Doga College
Bahcesehir College, Kurtkoy Turkey
FEM Private Teaching Institutions
Fatih College, Cobancesme Phase 2 Turkey
Yeditepe University Faculty of Dentistry
Rize University Health Occupation High School
Gebze Advanced Technology Institutes
Semiha Sakir High Schools
Istanbul Maslak War Academy
Ankara War Academy
Kiptas Schools
Birikim College
Agri Semsi Turkmen College
Koc College
Aka College



Kilis 7 Aralik University
 Dogus University
 Yildiz Technical University
 Sakarya University
 Pamukkale University
 Mimar Sinan University
 Kocaeli University
 İstanbul University
 Ege University
 Beykent University
 Akdeniz University
 100. Yıl University
 9 Eylül University
 Afyon Kocatepe University Teachers College
 Arı University
 Beykoz University Additional Services Building
 Elginkan Vakfi Schools
 Istanbul Commerce University Campuses of Sutluce & Kucukyali
 Istanbul & Ankara War Academy
 Istanbul Technical University All Campuses
 Istanbul Tenzile Erdogan Religious Vocational High School
 Istek Vakfi Educational Institutions
 Istanbul Technical University Faculty of Arts and Sciences
 Istanbul Technical University Vadi Dormitory
 Nigde University Faculty of Communication
 Nigde University Dormitory
 Rize Recep Tayyip Erdogan University
 TURGEV Fatma Goksu Dormitory for Girls
 Tefrik Ileri Anatolian Religious High School
 Nigde University Dormitory with 200 Beds

GROCERY STORE CHAIN

Migros Groceries Store Chain
 Mopaş Groceries Store Chain
 Tansaş Groceries Store Chain
 Hakmar Groceries Store Chain
 Bim Groceries Store Chain
 Uyum Groceries Store Chain
 Şok Groceries Store Chain
 Kiler Groceries Store Chain
 Mopaş Groceries Store Chain in Kurtkoy
 Turkcell All Department Stores
 PTT Bank All Branches
 Halkbank All Branches

Vakifbank All Branches
 Vakif Participation Bank All Branches
 Ziraat Participation Bank All Branches
 Ziraat Bank All Branches
 Turk Telekom All Department Stores
 Atasun All Department Stores
 Kuveyt Turk Bank All Branches
 Mc Donald's All Food Centres
 Burger King All Food Centres
 D&R All Department Stores
 Ramsey & KIP All Department Stores
 Harvey Nichols Department Store
 Bauhause Department Store in Kagithane
 Decathlon All Department Stores
 Kelebek Furniture All Department Stores
 Teknosa All Department Stores
 YKM All Department Stores
 Mudo All Warehouse Department Stores

HOSPITALITY

Samsun Sheraton Hotel
 Saray Grup Hilton Garden Inn
 Le Meridian Hotel
 Istanbul Taksim The Marmara Hotel
 Antalya Belek Gural Premier Hotel
 Istanbul Atasehir Radisson Hotel
 Istanbul Swiss Hotel
 Adana Sheraton Hotel
 Bodrum Dragut Point North Hotels
 Istanbul W Hotel
 Eyup Ramada Hotel
 Polat Ronesans Hotel
 Efes Izmir Hotel
 Istanbul Crown Hotel
 Canakkale Kolin Hotel
 Mersin Onur Hotel
 Antalya Adore Golf Hotel
 Antalya Merit Limra Hotel
 Antalya Kremlin Hotel
 Antalya Falez Hotel
 Izmir Efes Hotel
 Istanbul Atasehir Radisson Blu Hotel
 Kirac Thermal Hotel
 Narven Thermal Facilities, Bolu Turkey
 Polat Ronesans Hotel





PRIVATE CORPORATIONS

Can Insurance Head Office, Istanbul Turkey
Dogus Holding Maslak Office, Istanbul Turkey
BASF Innovation Centre, Istanbul Turkey
Nursanlar Plaza, Istanbul Turkey
DB Schenker Arkas Office
Mapfre Insurance Head Office
Unilever Head Office
Yepas Head Office
Feryapi Premium Campus Office
Garanti Bank Pendik Technology Campus
Bostanci Mengenler Automotive
Vega/Apa Giz Plaza
Cerkezkoy Chamber of Commerce
Sports International
Dumankaya Plaza
Soyak Holding Adahan Centre
Modernist Innovia Social Facility
Istanbul Aquarium
Renk Plaza Office
Lilly Office Buildings
Kontek Insaat Office Building
HP Office
Liberty Insurance Office
Sony Istanbul Head Office
Abbott Office Building
Kuveyt Turk Bank All Branches
Eskisehir Hasanbey Logistics Centre
Istanbul Saskinbakkal Midpoint Cafe & Restaurant
Microsoft Administrative Building
IDO CityLine Ferries
Istanbul Lufthansa Head Office
Shell Head Office
Tupras Head Office
Sanko Holding Head Office
Gulle Textile Head Office
Teknosa Head Office
Vakif Participation Bank All Branches
Abbvie Office
Eroglu Yapi Logistics Park
STM Savunma Teknolojileri Muh. ve Tic. Inc.
Sekerbank Invest Metrocity Building
Turkcell Gebze & Umraniye & Bayrampasa
Operations Centre
Yurtici Kargo Transfer Centre
Zenium Data Centre
Feryapi Premium Campus Office
Yepas Head Office

RESIDENTALS

Kiptas Kayabasi Residences
Akasya Acibadem Residences
Onalti Dokuz Residences
Mom Yapi Residences
Milpark Residences
Oyak Kent Ikitelli Residences
Kent Plus Kartal & Atasehir & Mimar Sinan Residences
Alarko Alkent 2000 Residences
Sinpas Bursa Ottomans Residences
Agaoglu My Land & Towerland & Bahcesehir
Ispartakule
Garanti Akkoza Residence
Sky Port Residence
Levent Loft Residence
Terrace Bahce Houses
Espadon Residence
Istanbul Maslak 42
Kartal AND Pastel Residences

SHOPPING MALLS & DEPARTMENT STORES

IKEA Bursa Shopping Mall
Astrakhan Shopping Mall
Worldmar Wellness Centre
PM Havm
Prestige Shopping Mall
Arkadium Shopping Mall
Fabulist Shopping Mall
Paradise Shopping Mall
Markacity Shopping Mall
Es Kule Shopping Mall
Sapphire Shopping Mall
Olimpia Shopping Mall
Serdivan Shopping Mall
Avalon Wellness Centre
Trump Tower Shopping Mall
Oyka Shopping Mall
Gebze Center Shopping Mall
Altın Yıldız Shopping Mall
Özdilek Shopping Mall
Pelikan Shopping Mall
Kadi Ahmetoğlu Movie Houses
Anatolium Shopping Mall
Forum Samsun Shopping Mall
Florya Aqua Shopping Mall
Perla Vista Shopping Mall
Mars Movie Houses
Zonguldak Shopping Mall
Brandium Shopping Mall
Norven Hotel



INDUSTRIAL PLANTS

Aromsa Plant, Gebze
Dalgakiran Compressor Plant, Dilovasi
Istanbul Airport MNG Aerodrome Building
VLE-ODELO Sekerpinar Office & Warehouses
Iskenderun Iran & Steel Plant
Deteks Chemical Inc.
Cimpor Cement Plant
Linea Dekor Plant
MMK Atakas Iron & Steel Plant
Lignadekor Plant
Pulver Paint Mill
Polifarma Pharmaceutical Plant
Namet Plant
Simsek Ege Label Mill
Sunjut Plant
Kasar Dual Textile Plant
Embil Pharmaceutical Plant
Clariant Paint Mill
Catalca Pharma Trend Pharmaceutical Plant
Autoliv Technopark Plant
Assan Alluminium Tuzla Plant
Ferromed Tuzla Warehouse
Kuhne Nagel Gebze Warehouse
A101 Orhanli Warehouse
Teknosa Gebze Warehouse
Aslan Cement Plant
Alimex Alluminium Plant
Bayer Inc. Plant
Dorken Systems Kocaeli Plant
Entes Electronical Devices Plant
Hereke Waste Management Facility
Kirikkale Natural Gas Kombi Cycle Power Plant
Malkara Birlik Milk & Milk Products Plant

PUBLIC CORPORATIONS

Ministry of Healthcare Building
Taksim Levent Subway Stations
Nigde University Dormitory with 2000 Beds
Gaziantep Stadium
Sanliurfa Sport Complex with 5000 people
Ziraat Bank Ulus Head Office Building
Ankara TPAO Head Office
Manisa Coach Stations
Silivri Jail
Mersin Court House
Kartal Sheltered Housing
Kartal Kaynarca M4 Subway Line
Ankara Eryaman & Cayyolu Subway Stations
Turkey Union of Municipalities
Maltepe Jail
Bingol Airport
Mersin Museum of Archaeology
Kabatas Mahmutbey Subway Stations, Istanbul

Kucuk Camlica TV & Radio Tower
Istanbul Metropolitan Municipality Sports Complex in
Anatolian Side
Hatay Jail
Afyonkarahisar Penitentiary Institution
Aydin Penitentiary Institution
Kepez Hydroelectric Power Station
Baglarbasi IETT Cultural Centre
Antalya Asat Building
Ankara Gazi Officer's Club
Bayrampasa Sports Complex
Diyarbakir Dormitory with 1000 Beds
Adiyaman TPAO District Office Social Facility
Foca Military Marine Facilities
Fenerbahce Officer's Club
Akfirat Municipality
Cankaya Tax Office
Chemist Association Building
Istanbul Metropolitan Municipality
Corlu Municipality
Etiler - Besiktas Municipality
Artvin Jail
Eskisehir Jail
Izmir Aliaga Jail
Isparta Jail
Adana Jail
Eyup Marriage Office
Islahiye Court House
Kayseri Court House
Surmene Court House
Eskisehir Court House
Turgutlu Court House
Kirkclareli Court House
Izmir Court House
Tokat Court House
Corlu Airport
Sanliurfa GAP Airport
Ankara Esenboga Airport
Golbasi Police Department
Diyarbakir Police Department
Ankara Police Department
Marmaray Tunnel Project
Italia Consulate
TEKRAR
Ankara Science & Industry Service Building
Ankara Esertepe Park
Ankara Esenboga Airport International Terminal
Esenler Tax Office
Garanti Bank Akdeniz District Office
TEKRAR
TEKRAR
TEKRAR
Marmaray CR-3 Project
Turkish Airlines Sports Arena
Umraniye Tax Office
Balikesir Airport
Ankara Eryaman Stadium

INTERNATIONAL REFERENCES

AFGHANISTAN

ISR Apron Military Airbase
Nato Military Hospital
Nato Firefighters Building
Kabil Military Airbase
Latrine Military Airbase
Qalat Military Airbase

GERMANY

Asklepios Hamburg Hospital
Hanau Clinique
Leuterbach Police Station
Ziehenschule School

ANGOLA

Sky Towers Residence

AZERBAIJAN

Baku Holiday Inn Otel
Baku White City Hotel
Gence Airport
Haydar Aliyev Cultural Center
Masazir Mitsubishi Showroom
Shahdag Villas Complex
Expressbank Headquarters
Jaguar - Land Rover Showroom
Panorama Tunnels
Baku Metro Station
Headquarters Ganja Airport

BENIN

Novotel Cotonou Orisha

UNITED ARAB EMIRATES

400 Villas Project
Abu Dhabi Shaikh Al Otaiba Towers
Ajyal International School
Al Badr Residences
Al Ghadeer Tower
Al Qudra Tower
Musanada Headquarters
Burjeel Daycare Hospital
Shah Gas Development
Al Maktoum Airport
Embassy of Bahrain
Embassy of Morocco
Quran Academy
Sh. Latifa Saif Bin Mohd Tower
Sh. Mansour Tower
Sh. Saif Tower

Dubai Festival City Harbour Plaza
Emirates Tower
Jam Tower
Lipton Factory
Sheikh Omer Bin Zayed Plaza
Sheikha Fatima Bin Mubarak Al Ketbi
The Point Mall

OMAN

KIA Motors Showroom
Muscat Ministry of Justice Building
Royal Oman Police Academy
Sur Mosque
Al Ameerat Nissan Warehouse
Bahwan Holding Headquarters
Buraimi Nissan Motors Showroom
KIA Motors Workshop
Sohar Fertilization Plant

ALGERIA

Chlef Hospital
Gdyel Hospital
Hayat Chemistry Factory
Mostaganem Hyroc Hotel
Sidi Chami Hospital
Talamo Hotel
GEAT Gas Turbine Factory
Oran 250 Bed Hospital
Certic Inpt Batiment de Telecommunication Zeralda

DENMARK

Ide Design Showroom
Neiman Marcus Shops

ARMENIA

Erivan Zvartnots International Airport

ETHIOPIA

Awash - Kombolcha - Hara Gebeya Railways

IVORY COAST

Raddisson Blue Abidjan Hotel

FRANCE

AGS Champigny Office Building
Beaugrenelle Shopping Mall
Centre Hospitalier Ouest - Reunion
CHU Amiens Hospital
Groupe Hospitalier Sud - Reunion
SDIS St Priest



GEORGIA

Anaklia Hotel
 Batum KVC Hospital
 Booking.com Office Building
 Ernst & Young Office Building
 Forum Avrasya Batumi Shopping Mall
 Knauf Office Building
 Liberty Bank
 H&M Shops
 Osea Shopping Mall

HOLLAND

Bam Mobilization Units
 De Samaritaan Putten Facility
 Hema Shops
 Hospital Nobo Otrobanda, Curacao
 Nedelko Headquarters

IRAQ

Baghdad GM Showroom
 Balad Air Base
 Ramada Hotel
 BP Basra Camps
 Botan Commercial Building
 Embassy of The Republic of Turkey

Erbil Airport
 Erbil Isik University Faculty of Dentism
 Erbil Selahaddin University
 Halep Hospital
 Karbela Diwania Power Plant
 Mosul Prison
 Suleimaniya 200 Bed Hospitals
 Basra/Nasiriye/ Amara/
 Kerbela/ Hilla 400 Bed Hospitals

UNITED KINGDOM

Haselway Holiday Resort

SPAIN

Glories Office Building

SWITZERLAND

Eikenott Residences

LIBYA

Bab Tripoli Phase 1
 Mithalia Restaurant
 Mitrid Hospital
 Sirte VIP Lounge
 Tarhuna Hospital

LEBANON

ABC Mall Extension
American University Beirut
Marina Yacht Club
Parliament Building
Transmed Warehouses

QATAR

ABM Military College
Al Raya Gulf Times Headquarters
Court of Appeal Building
Doha Turkish Embassy
Energy City
Gold Line Metro
Hilton Garden Inn Hotel
Le Mirage Apartments
Living Interiors Pearl Showroom
Ministry of Finance
Doha New Port
Pakistan Embassy Complex
Ralph Lauren Showroom
Blood Donor Units
Al Khor Healthcare Center
Al Thumama Stadium
ISF Administration Building
Central Bank of Qatar Branches
Al Fardan Hospital
Falcon Hotel
Doha Mall

KAZAKHSTAN

Astana Children's Rehabilitation Hospital
Astana Neurology Hospital
Astana Water Treatment Plant
JP Morgan Office Building
Metro Grossmarket
Kaskad Shopping Center
Shell Astana Office Building
Dushanbe Shopping Mall

KOSOVO

NATO Airbase

KUWAIT

Kuwait State University
Ministry of Aqaf Building
Ministry of Aqaf Mosques
TLC Camp

MALI

Mangane Apartments
Sheraton Hotel

EGYPT

Hurghada International Airport
Taypa Textile Factory

MOLDOVA

Raddison Hotel
Chisinau Arena Aqua Center

NIGERIA

Continental Office
Cornerstone Tower
Ekulo Building

UZBEKISTAN

Akay City Residences
Tashkent Hyatt Regency Hotel
Infinbank Headquarters

ROMANIA

Romania Public Housing
P3 Parks Logistics Warehouse

RUSSIA

Anadyr Treasury Buildin
Gubkinsky School of Arts and Sports
East & West Yamal School and Dorm
IT Park, Kazan
Hunty Faculty of Law
Imperia Tower
Metropolis 2 Shopping Mall
Mitishi Shopping Mall
Moscow Aqua Park
Moscow Presidential Building
Novosibirsk Mega Mall
Pulkovo Airport Hotel & Business Center
Sochi Marriot Hotel
Suriskari School
Tymen Sibir Sanitarium
Tymen Stadium
Astrakhan Shopping Mall
Salekhard Children School
Tazousky Building
Kazan Sports Complex

SERBIA

Millenium Property Management
Sergeant Major Showroom, USCE Mall

SYRIA

Damascus Hospital





SAUDI ARABIA

Al Faisalia Office Building
Haramain Central Train Station -
Jeddah
KAWC Outlet
Rabie Al Takyeeef Factory
Riyadh Metro Stations
Shuqaiq Abha Water Tunnels
Servcorp
Ministry of Civil Services
Alam Tower

TANZANIA

Standard Gauge Railway

TURKMENISTAN

Presidency Building
National Theater Building
Awaza Treasury Hotel
Baht Palace
Lebap Cement Factory
Oncology Hospital

Politechnical University
V.I.P Marina
Aman Kekilov Educational Institute
Asghabad Surgical Hospital
Cardiology Hospital
Central Bank Building
Civil Health Center
Community Health Center
Dasoguz Hospital
Detsky Mir Mall
Ilim University Complex
Kosi 180 Residences
Mary Hospital
MIR 216 K-M Residences
Ministry of Cabinet
Ministry of Petroleum
National University
Dangerous Infections Prevention Center
TV Tower Building
Burn Treatment Center
Endocrinology Hospital

Emergency Hospital
Neurology Hospital
Awaza Water Tunnels
Attorney General's Nursery Building
Bitaraflik Monument
Jebel Cement Factory
Morphology Hospital
Marketplace
Turk-Turkmen Friendship Forest

JORDAN

Princess Sumaya University
Al Kindi Hospital
Queen Rania Foundation

Head Office

Address Girne Mah. Irmaklar Sok. Küçükalyalı İş Merkezi
F Blok No: 72/18 Maltepe / İSTANBUL - TURKEY
Post Code: 34852
Phone +90 (216) 397 22 16
Fax +90 (216) 397 19 19
E-Mail info@ikizlerlighting.com

Factory

Address 3.Organize San. Böl. 1. Yol. No: 68
Soğucak Köyü Söğütü / SAKARYA - TURKEY
Phone +90 (264) 290 40 10-11
Fax +90 (264) 290 40 12

www.ikizlerlighting.com