

Illuminate the whole world with high quality light



深圳市华丽线形照明有限公司
SHENZHEN HLINEAR LIGHTING Co . , Ltd

Professional Manufacturer of LED Lighting

CATALOG
2022 - 2023



深圳市华丽线形照明有限公司

SHENZHEN HLINEAR LIGHTING Co . , Ltd

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Langxin Community, Shiyan Street, Baoan District, Shenzhen

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<https://www.zghlinear.com> <http://en.zghlinear.com/> xmj@szhlinear.com

Company Profile

SHENZHEN HLINEAR LIGHTING Co . , Ltd is a professional manufacturer Integrating research development, production and sales altogether and walking in the forefront of the LED Lighting industry. Our main products : LED Panel Lights, LED Ceiling Light, LED IP66 High Bay Lights LED indoor High Bay LED Flood Lights.we are developing new models of LED lighting products to meet the marketsneed.

Our company has the professional design and research team which is composed with more than 30 top skilled members with average 10 years research experience . And we have get 12 invention patents and more than 50 technical patents.

The quality is our culture,we always try our best to improve the design to meet the customer's requirement .95% of our products are certificated with ENEC TUV UL/ CUL / ETL/Energy Star/CE/RoHS/SAA LM79/LM80 report is obtained from professional test organization and laboratory. The factory has passed the ISO9001 international quality system certification since 2010.

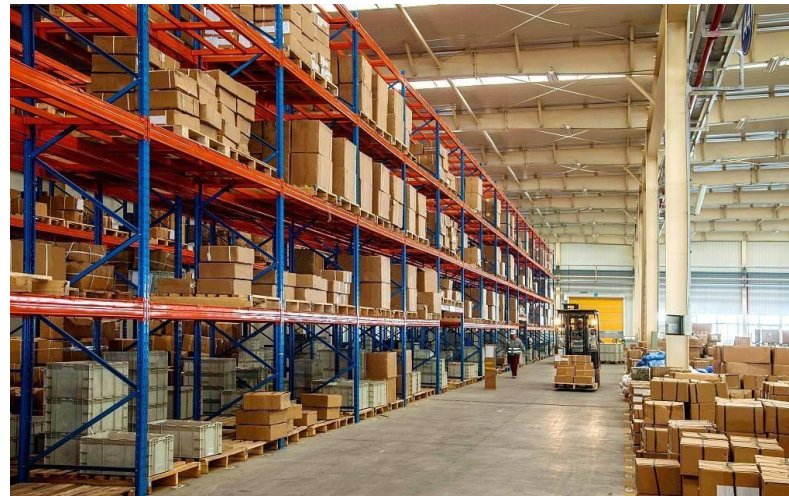
we are devoted to providing high quality LED light products with competitive price. Gleamia persist on the principle " quality supreme. customer firstexcellence pursuance ". to respond the support of vast customers by providing super quality competitive price fast delivery and sincere service.

Business philosophy: Illuminate the whole world with high quality light.

General Manager (Mark Lee)

Declaration: Improve higher value products and services to the entire world.

Factory Tour



Honors and Certificates

INTERNATIONAL STANDARD CERTIFICATION
standard: GB/T19001-2016 idt ISO9001:2015
Certificate Registration number: UKS001-2023Q0470
Certificate holder: SHENZHEN HLINEAR LIGHTING Co., Ltd.

国际标准认证证书
标准: GB/T19001-2016 idt ISO9001:2015
证书编号: UKS001-2023Q0470
获证范围: 资质证书内 LED 灯的制作

中国国家强制性产品认证证书
证书编号: 202301100105470
认证委托人: 深圳市华显照明有限公司
认证产品: 筒灯

中国国家强制性产品认证证书
证书编号: 202301100105470
认证委托人: 深圳市华显照明有限公司
认证产品: 筒灯

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计算机软件著作权登记证书
软件名称: LED智能调光程序控制系统 V1.0

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计算机软件著作权登记证书
软件名称: LED智能调光运行能耗分析系统 V1.0

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计算机软件著作权登记证书
软件名称: LED智能调光光效处理系统 V1.0

Certificate of Compliance
Applicant: SHENZHEN HLINEAR LIGHTING CO., LTD
Product: LED Down Light

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实用新型专利证书
专利号: 2020 2 0492763.2
专利权人: 深圳市宝安区华显照明有限公司

实用新型专利证书
专利号: 2020 2 0492765.1
专利权人: 深圳市宝安区华显照明有限公司

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CONTENTS

Edge-lit Panel Light



Edge-lit Panel Light
High Lumen



Edge-lit Panel Light
Economical Type



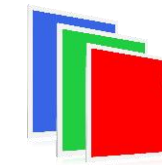
Edge-lit Panel Light
Recessed



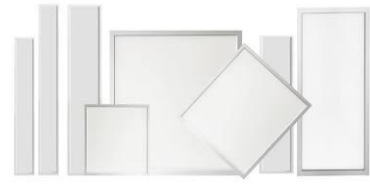
Edge-lit Panel Light
DALI (DT8) CCT Tunable



Edge-lit Panel Light
2.4G Dimmable



Edge-lit Panel Light
RGB/RGB.W



Edge-lit Panel Light
Project Panel

Back-Lit Panel Light



Back-Lit Panel Light
High Lumen



Back-Lit Panel Light
Economical Type



Back-Lit Panel CCT Tunable

Up And Down Lighting



Up And Down Lighting

Car beauty shop

Downlight



DownLight



DownLight



DownLight



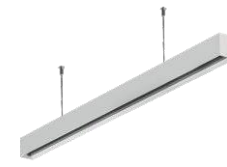
DownLight

CONTENTS

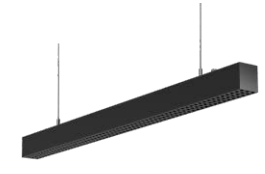
Linear Light



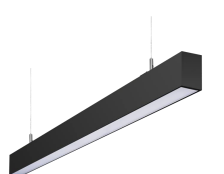
Linear Light
TPA Series



Linear Light
TPB Series



Linear Light
TPC Series



Linear Light
TPD Series

UFO High Bay Light



UFO High Bay Light



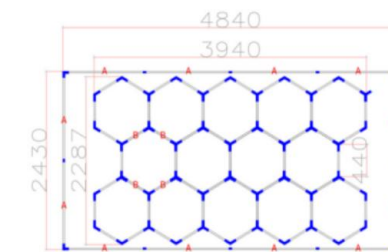
UFO High Bay Light

LED FloodLight

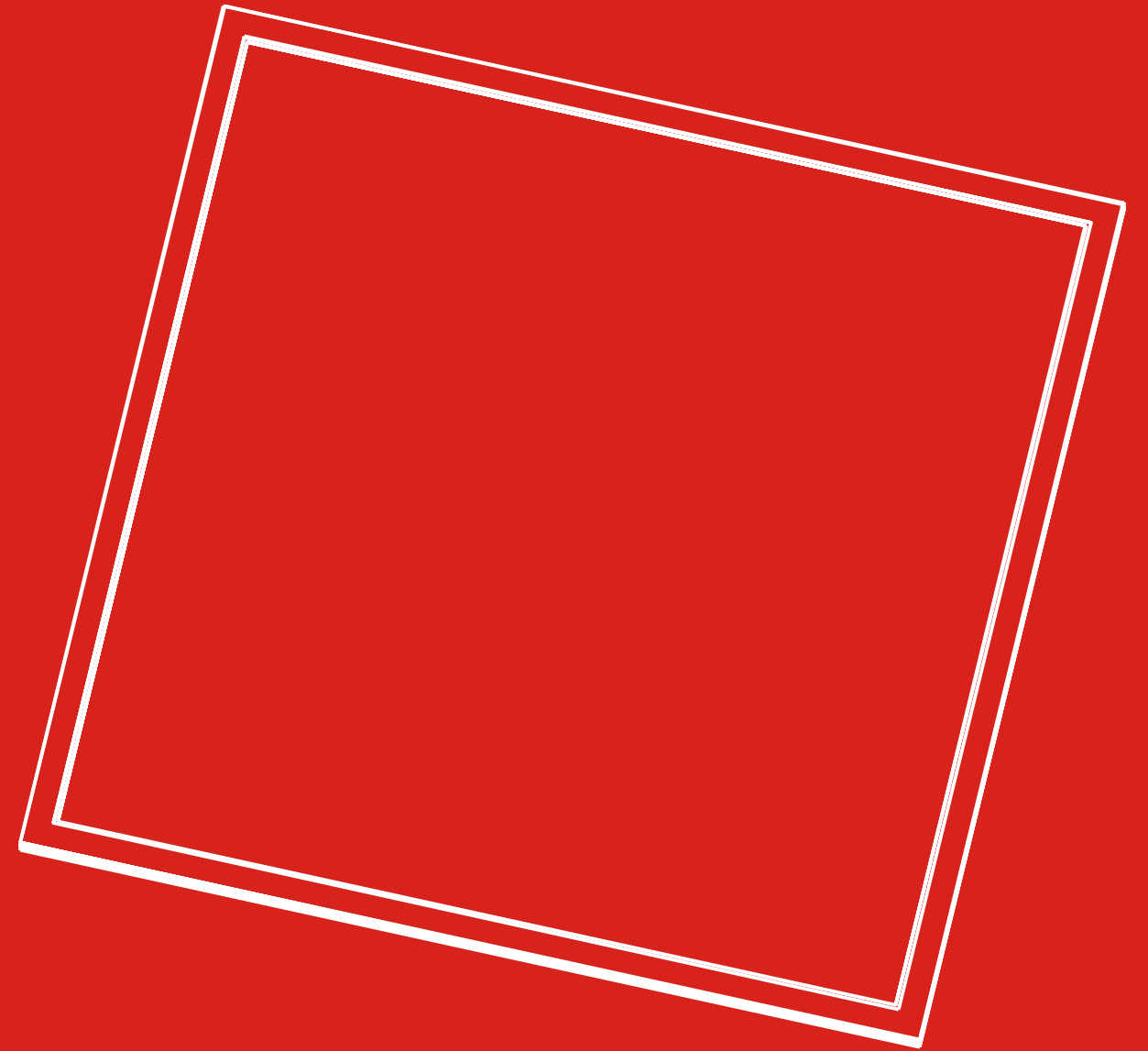


LED FloodLight

Car beauty shop Lighting



Edge-lit Panel Light



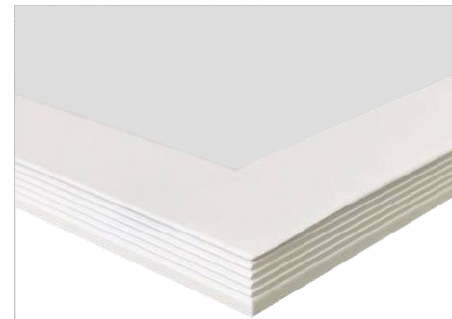
Edge-lit Panel Light

High Lumen

NEW
ERP2.0
160 LM/W



UGR<19

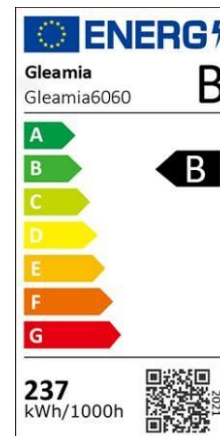


UGR<19 TPA V0



Description

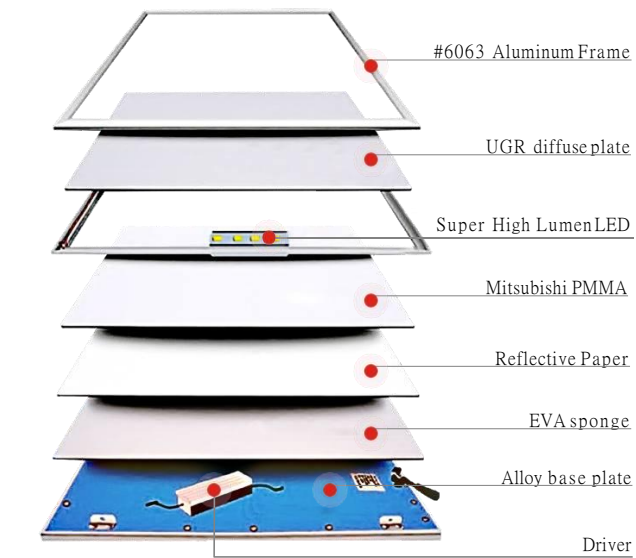
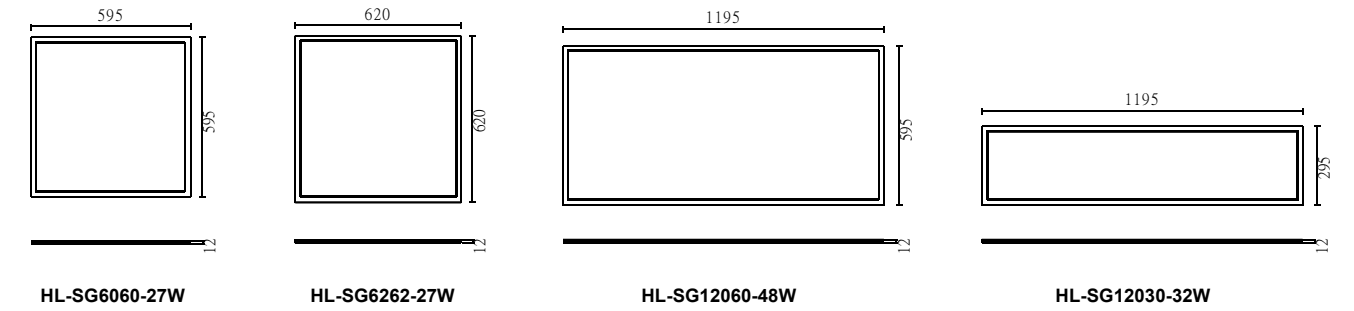
- New EPREL2.0 "C", High Luminous Efficiency-up To 150lm/w.
- Matched super high-efficiency LED driver, flicker free, PF>0.9
- Good heat dissipation design for higher illumination.
- Better technological design, no yellowing and uniform illumination.
- High-hardness frame made by aluminum alloy.
- Anti-glare, energy saving, long lifetime 50000 hours, easier installation.
- CRI>80, SDCM<5, UGR<19.



Photoelectric

Model Number	Dimension	Power	Electric Current	Input	Luminous Efficiency	Lumens Output	Ra	UGR
HL-SG6060-27W	595*595*12mm	27W	750mA	AC200-240V	150LM/W	4000LM	80/90	<19
HL-SG6262-27W	620*620*12mm	27W	750mA	AC200-240V	150LM/W	4000LM	80/90	<19
HL-SG12060-48W	1195*595*12mm	48W	1250mA	AC200-240V	150LM/W	7200LM	80/90	<19
HL-SG12030-32W	1195*295*12mm	32W	850mA	AC200-240V	130LM/W	4100LM	80/90	<19

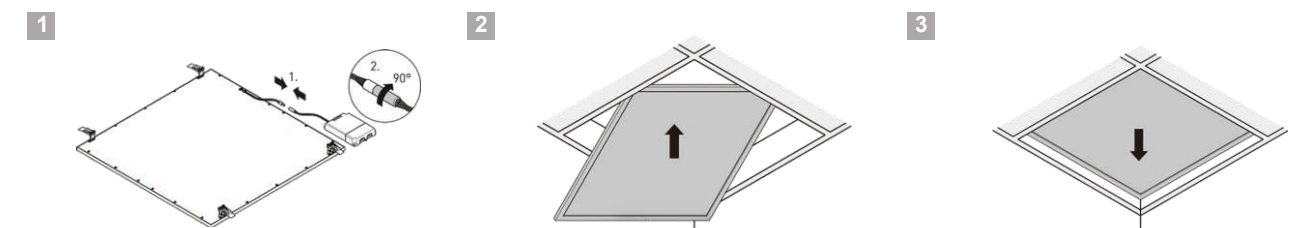
Dimension



Electrical Driver

Input	AC200-240V
Frequency	50/60Hz
Output Voltage	DC30-42V
Relevant	EN55015 EN550221 IEC61347-1
Power Factor	>0.9
THD	<20%
Power Efficiency	>85%
Power Brand	PHILIPS Flicker Free
Protection	Surge Short Circuit Over Voltage Over Current Over Temp
MTBF	Minimum MTBF 50,000 hours at 100% load & 40°C

Installation



Edge-Lit Panel Light

Back-Lit Panel Light

Up and down Panel Light

Ceiling light

Downlight

Linear Light

Office Light

UFO High Bay Light

LED Flood Light

Edge-lit Panel Light

Economical Type

120
LM/W



UGR<17



UGR<19



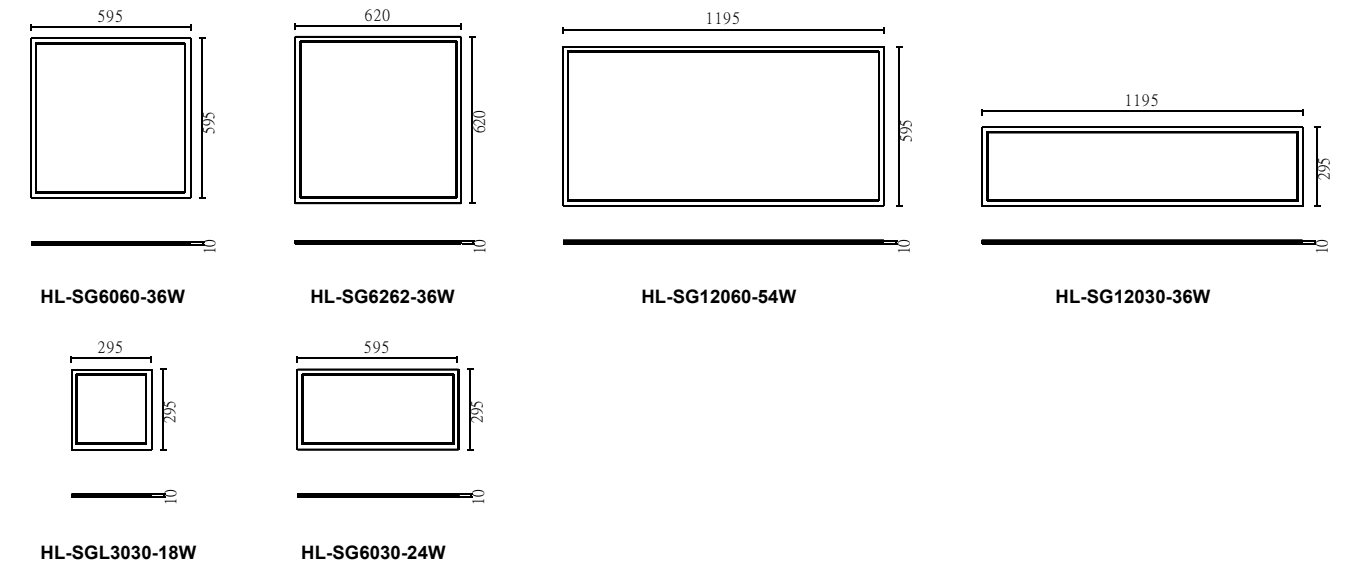
Description

- New EPREL2.0 "E", High Luminous Efficiency-up To 120lm/w.
- Unique Heat Dissipation Design, Uniform and soft Illumination. No Light Radiation.
- Multiple types of frame for options, made by Aluminium Alloy.
- Anti-glare, energy saving, long lifetime 50000 hours, easier installation.
- CRI>80, SDCM<5, UGR<19/UGR<16.

Photoelectric

Model Number	Dimension	Power	Electric Current	Input	Luminous Efficiency	Lumens Output	Ra	UGR
HL-SPL6060-36W	595*595*10mm	36W	900mA	AC200-240V	120LM/W	4300LM	80/90	<19
HL-SG6262-36W	620*620*10mm	36W	900mA	AC200-240V	120LM/W	4300LM	80/90	<19
HL-SG12060-54W	1195*595*10mm	54W	1350mA	AC200-240V	120LM/W	6400LM	80/90	<19
HL-SG12030-36W	1195*295*10mm	36W	900mA	AC200-240V	110LM/W	4000LM	80/90	<19
HL-SG6030-24W	595*295*10mm	24W	600mA	AC200-240V	110LM/W	2600LM	80/90	<19
HL-SG3030-18W	295*295*10mm	18W	450mA	AC200-240V	100LM/W	1800LM	80/90	<19

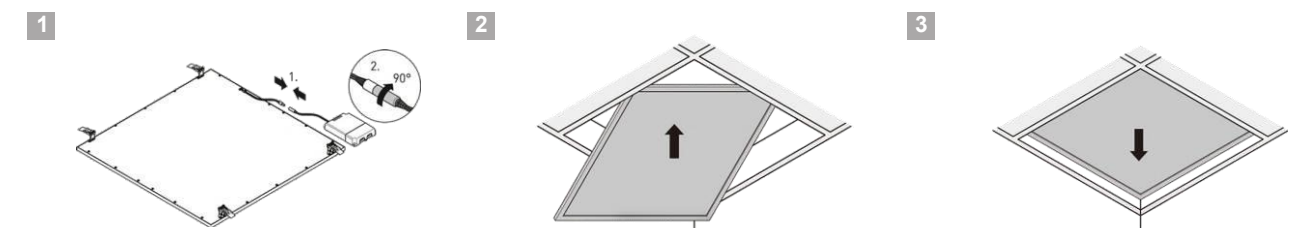
Dimension



Driver



Installation



Edge-Lit Panel Light

Back-Lit Panel Light

Up and down Panel Light

Ceiling light

Downlight

Linear Light

Office Light

UFO High Bay Light

LED Flood Light

Edge-lit Panel Light Recessed

120
LM/W



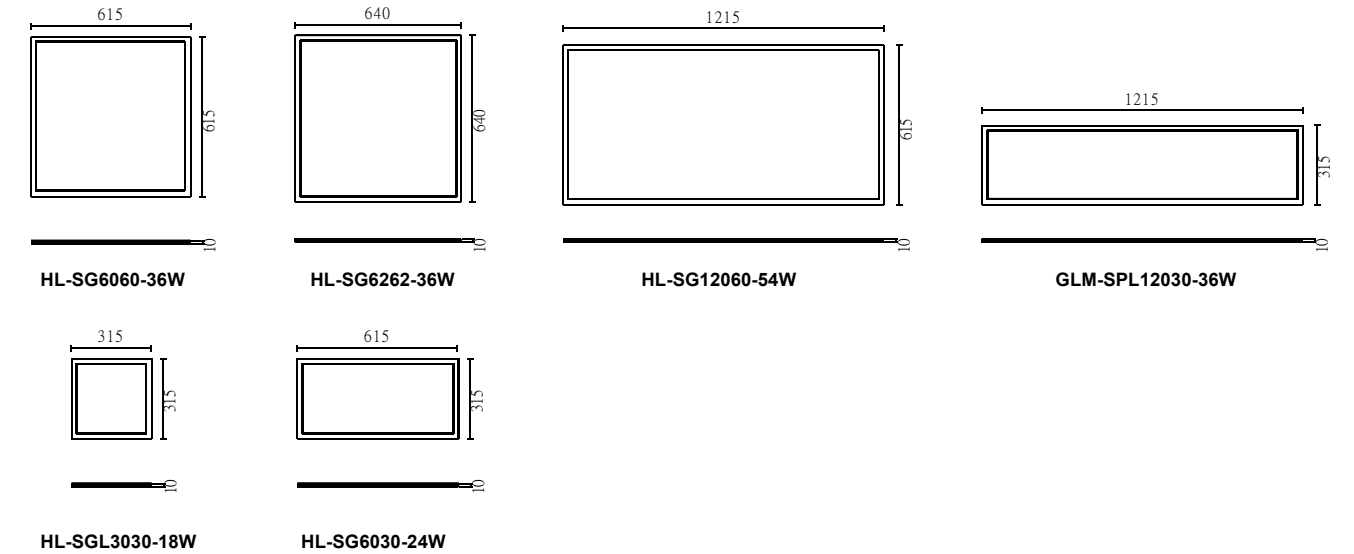
Description

- New EPREL2.0 "E", High Luminous Efficiency-up To 120lm/w.
- Good Heat Dissipation Design and Uniform Illumination.
- Multiple types of frame for options, made by Aluminium Alloy.
- Anti-glare, energy saving, long lifetime 50000 hours, easier installation.
- CRI>80, SDCM<5, UGR<19/UGR<16.

Photoelectric

Model Number	Dimension	Power	Electric Current	Input	Luminous Efficiency	Lumens Output	Ra	UGR
HL-SG6060-36W	615*615*10mm	36W	900mA	AC200-240V	120LM/W	4300LM	80/90	<19
HL-SG6262-36W	640*640*10mm	36W	900mA	AC200-240V	120LM/W	4300LM	80/90	<19
HL-SG12060-54W	1215*615*10mm	54W	1350mA	AC200-240V	120LM/W	6400LM	80/90	<19
HL-SG12030-36W	1215*315*10mm	36W	900mA	AC200-240V	110LM/W	4000LM	80/90	<19
HL-SGL6030-24W	615*315*10mm	24W	600mA	AC200-240V	110LM/W	2600LM	80/90	<19
HL-SG3030-18W	315*315*10mm	18W	450mA	AC200-240V	100LM/W	1800LM	80/90	<19

Dimension



Driver



AGT



Lifud

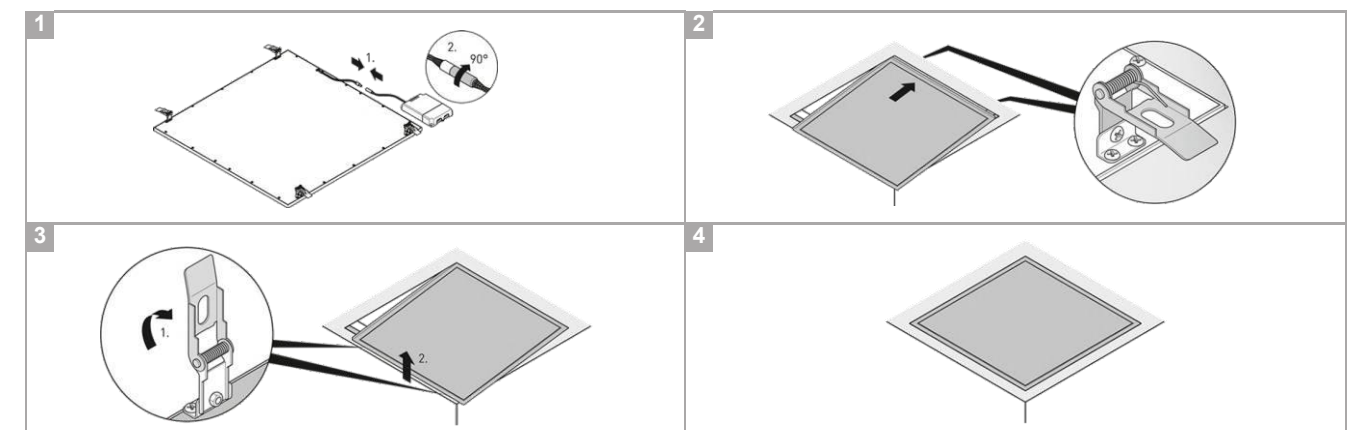


Tridonic



Philips

Installation



Edge-Lit Panel Light

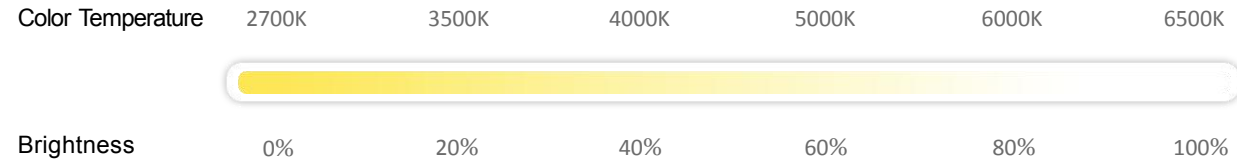
DALI (DT8) CCT Tunable

HOT
CRI>90



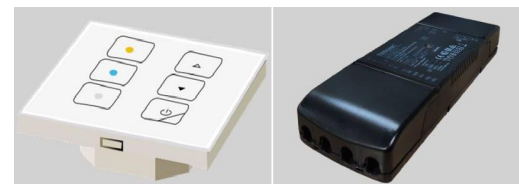
Dali Dimmer

Dali Driver



Description

- Independent dimmable constant current 2-channel LED Driver with DALI DT8.
- DALI 2 agreement standard, compatible with dimming system, control panel, mobile dimming.
- Hybrid dimming technique, Wide dynamic range of colour temperatures (2%-99%) on all dimming levels.
- Good heat dissipation Design and Uniform Illumination.
- Multiple types of frame for options, made by Aluminium Alloy.
- Anti-glare, energy saving, long lifetime 50000 hours, easier installation.
- CRI>80, SDCM<5, UGR<19/UGR<16.



Dali Touchpanel

Dali DT8 Driver



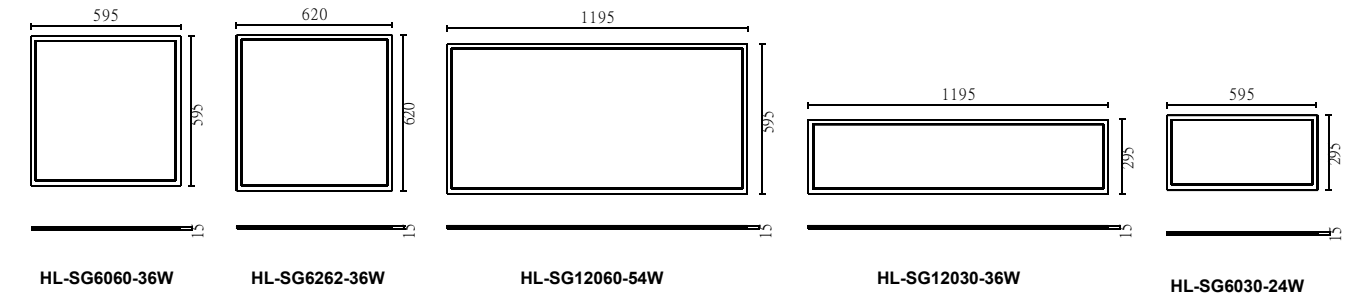
Frame

Connector

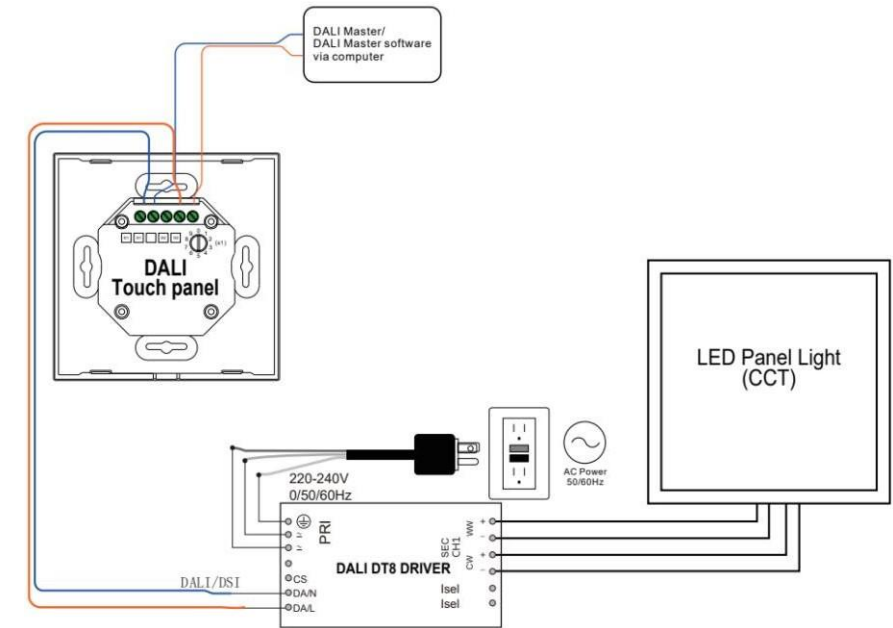
Photoelectric

Model Number	Dimension	Power	Electric Current	Input	Luminous Efficiency	Lumens Output	Ra	UGR
HL-SG6060-36W-CCT	595*595*15mm	36W	900mA	AC200-240V	120LM/W	4300LM	80/90	<19
HL-SG6262-36W-CCT	620*620*15mm	36W	900mA	AC200-240V	120LM/W	4300LM	80/90	<19
HL-SG12060-54W-CCT	1195*595*15mm	54W	1350mA	AC200-240V	120LM/W	6400LM	80/90	<19
HL-SG12030-36W-CCT	1195*295*15mm	36W	900mA	AC200-240V	110LM/W	4000LM	80/90	<19
HL-SG6030-24W-CCT	595*295*15mm	24W	600mA	AC200-240V	110LM/W	2600LM	80/90	<19

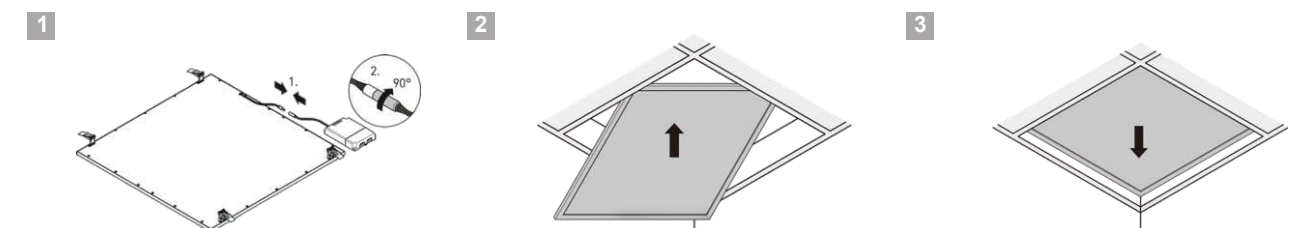
Dimension



Electrical Connection Diagram



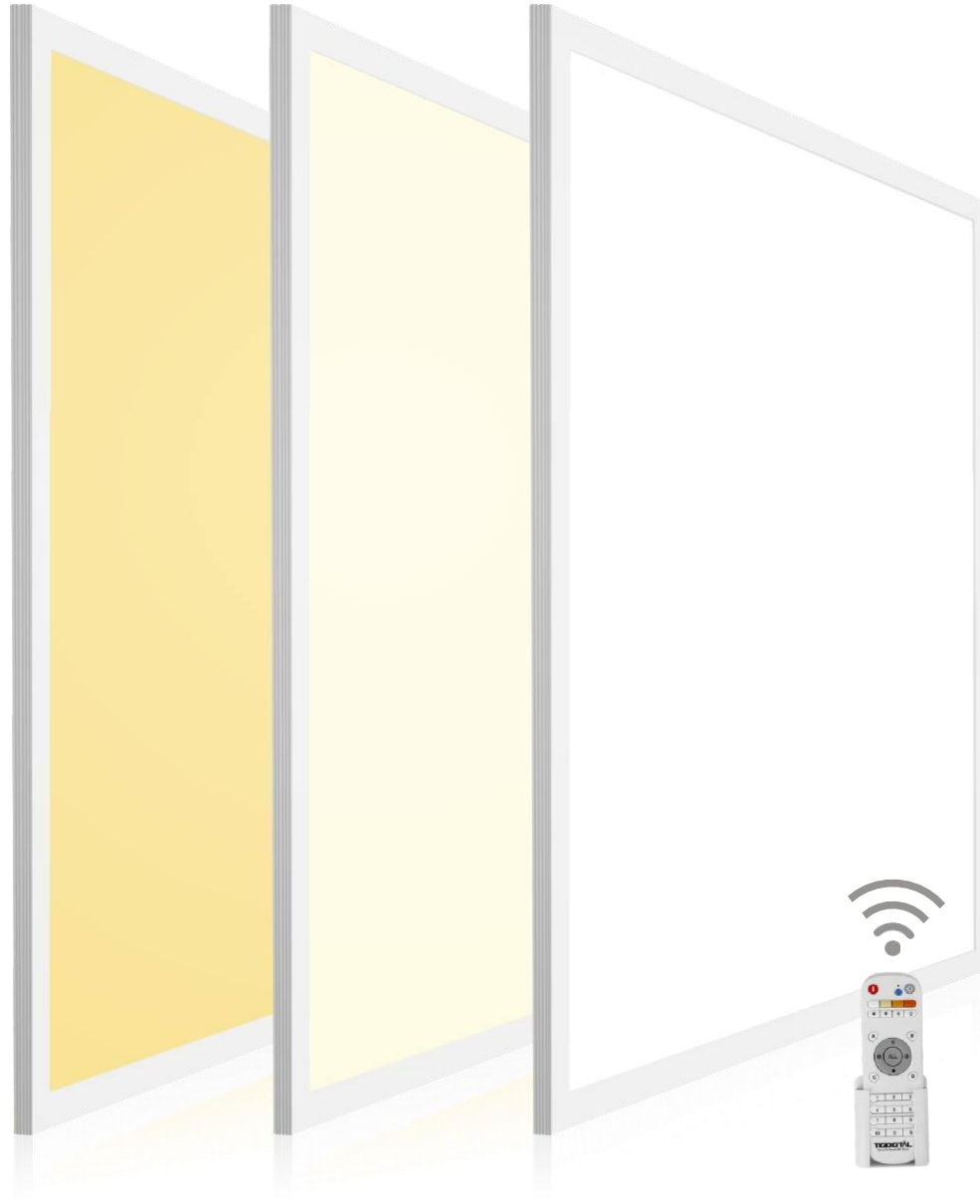
Installation



Edge-lit Panel Light

2.4G Dimmable

120
LM/W



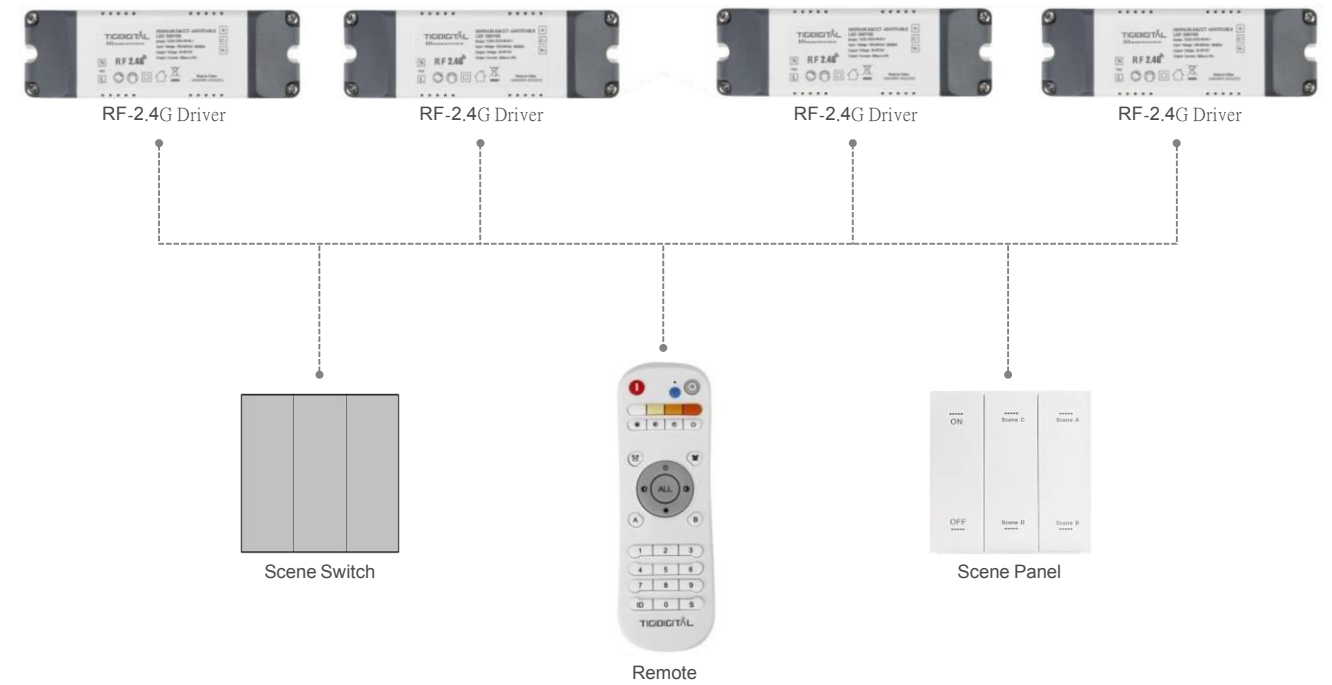
Description

- New EPREL2.0 "E", High Luminous Efficiency-up To 120lm/w .
- Controlled by 2.4G high-frequency wireless remote controller, long transmission distance and strong anti-interference ability
- Stepless dimming and adjustable color temperature from 2700-6500k with remote controller, support controlling multiple group of luminaires
- Good heat dissipation Design and Uniform Illumination.
- Multiple types of frame for options, made by Aluminium Alloy.
- Anti-glare, energy saving, long lifetime 50000 hours, easier installation.
- CRI>80, SDCM<5, UGR<19/UGR<16.

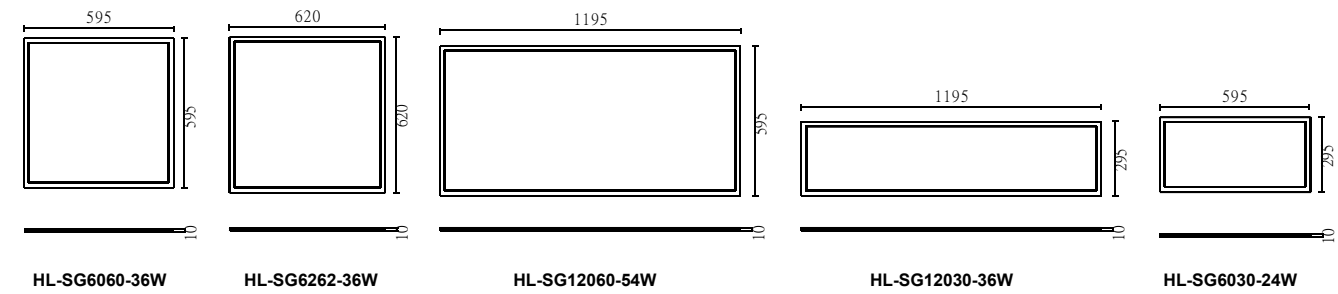


System Structure

RF-2.4G Lighting System



Dimension

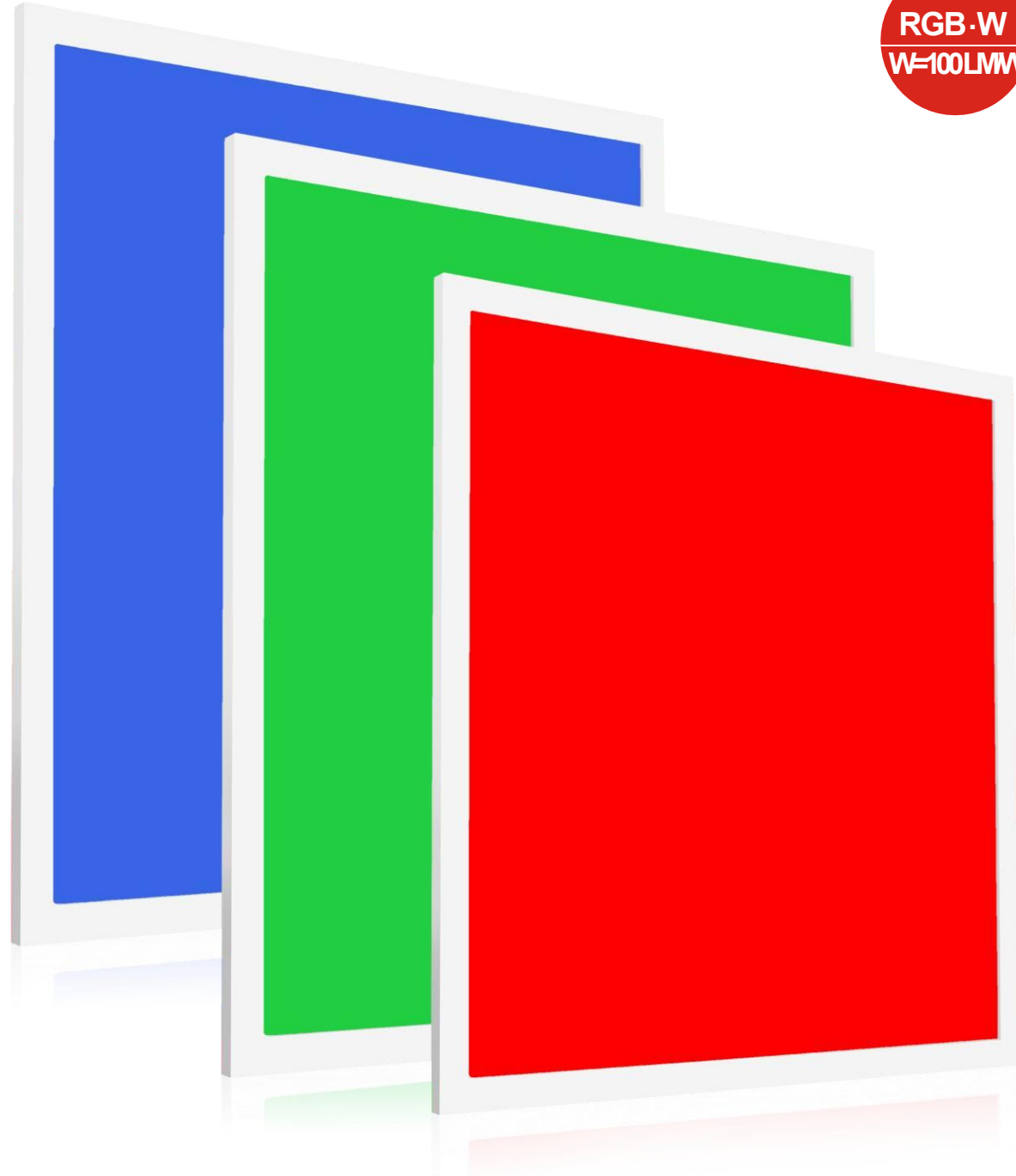


Photoelectric

Model Number	Dimension	Power	Electric Current	Input	Luminous	Lumens Output	Ra	UGR
HL-SPL6060-36W-CCT	595*595*10mm	36W	900mA	AC200-240V	120LM/W	4300LM	80/90	<19
HL-SPL6262-36W-CCT	620*620*10mm	36W	900mA	AC200-240V	120LM/W	4300LM	80/90	<19
HL-SPL12060-54W-CCT	1195*595*10mm	54W	1350mA	AC200-240V	120LM/W	6400LM	80/90	<19
HL-SPL12030-36W-CCT	1195*295*10mm	36W	900mA	AC200-240V	110LM/W	4000LM	80/90	<19
HL-SPL6030-24W-CCT	595*295*10mm	24W	600mA	AC200-240V	110LM/W	2600LM	80/90	<19

Edge-Lit Panel Light
Back-Lit Panel Light
Up and down Panel Light
Ceiling light
Downlight
Linear Light
Office Light
UFO High Bay Light
LED Flood Light

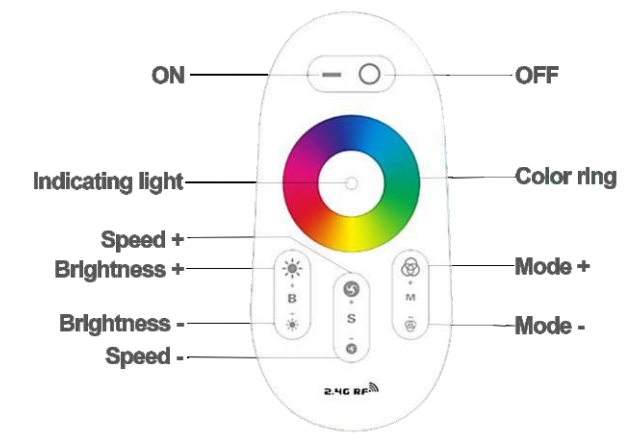
Edge-lit Panel Light RGB/RGB.W



RGB·W
W=100LMW

Description

- Exquisite touch controller, easy operation.
- The latest touch technology, R.G.B.W colors and color combination can be changed variously.
- Wide working voltage AC100-240V
- Good heat dissipation Design and Uniform Illumination.
- Multiple types of frame for options, made by Aluminium Alloy.
- Anti-glare, energy saving, long lifetime 50000 hours, easier installation.



remote controller parameter

Item	Parameter	Remarks
Working Voltage	3V	2 pcs
Frequency	2400-2483.5MHz	AAA power supply
Modulation Mode	6db	
Standby Power	10u	
Control Distance	20-30 Meters	
Size	110x52x20 mm	

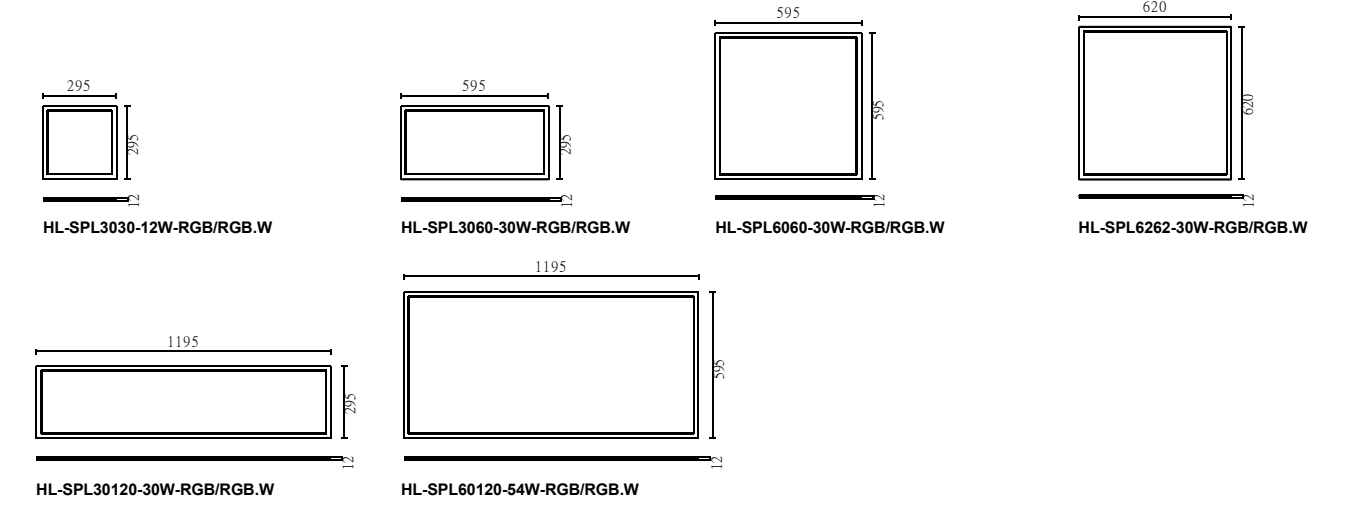
Automatic demonstration mode List

Number	Mode	Brightness state	Speed state
1	Static white color	Adjustable	Unadjustable
2	White color gradual changes	Adjustable	Adjustable
3	All colors gradual change	Adjustable	Adjustable

Photoelectric

Model Number	Dimension	Power	Input	Output	Control Mode	CCT	UGR
HL-SG3030-12W-RGB/RGB.W	295*295*12mm	12W	AC200-240V	DC24V	2.4G Remote Control	R.G.B.W	<19
HL-SG3060-30W-RGB/RGB.W	595*295*12mm	30W	AC200-240V	DC24V	2.4G Remote Control	R.G.B.W	<19
HL-SG6060-30W-RGB/RGB.W	595*595*12mm	30W	AC200-240V	DC24V	2.4G Remote Control	R.G.B.W	<19
HL-SG6262-30W-RGB/RGB.W	620*620*12mm	30W	AC200-240V	DC24V	2.4G Remote Control	R.G.B.W	<19
HL-SG30120-30W-RGB/RGB.W	1195*295*12mm	30W	AC200-240V	DC24V	2.4G Remote Control	R.G.B.W	<19
HL-SG60120-54W-RGB/RGB.W	1195*595*12mm	54W	AC200-240V	DC24V	2.4G Remote Control	R.G.B.W	<19

Dimension



Edge-Lit Panel Light
Back-Lit Panel Light
Up and down Panel Light
Ceiling light
Downlight
Linear Light
Office Light
UFO High Bay Light
LED Flood Light

Edge-lit Panel Light

Project Panel

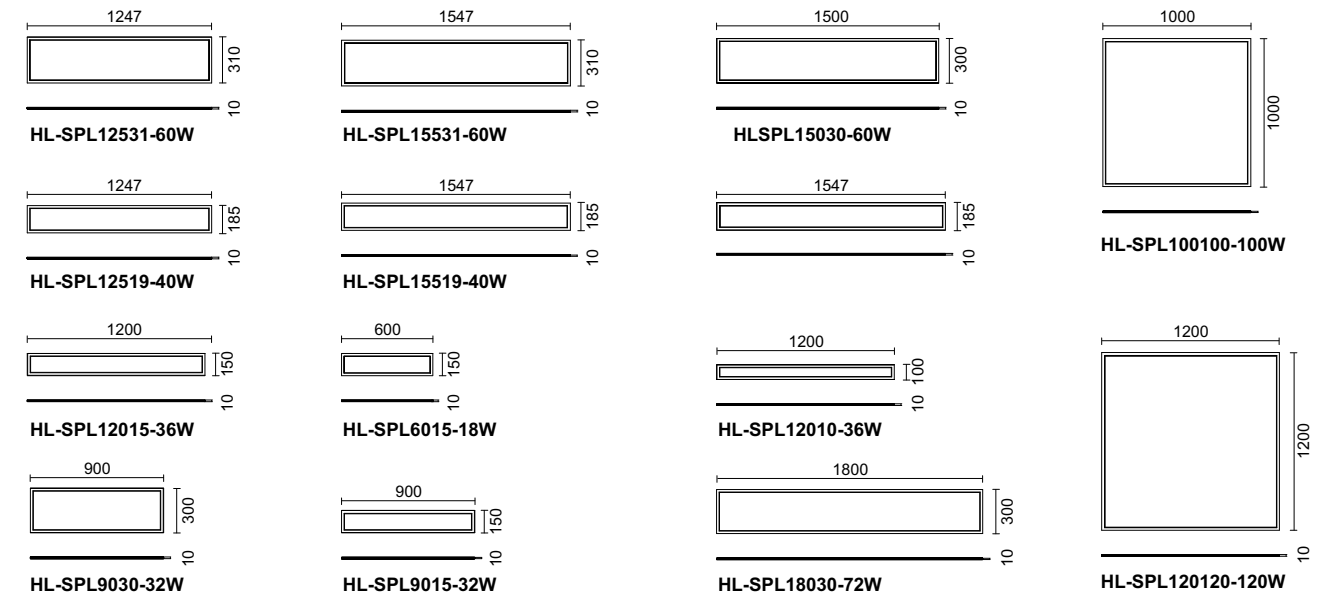
120
LM/W



Photoelectric

Model Number	Dimension	Power	Electric Current	Input	Luminous Efficiency	Lumens Output	Ra	UGR
HL-SPL15531-60W	1547*310*10mm	60W	1500mA	AC200-240V	120LM/W	7200LM	80/90	<19
HL-SPL15519-40W	1547*185*10mm	40W	1000mA	AC200-240V	110LM/W	4400LM	80/90	<19
HL-SPL15030-60W	1500*300*10mm	60W	1500mA	AC200-240V	120LM/W	7200LM	80/90	<19
HL-SPL15015-40W	1500*150*10mm	40W	1000mA	AC200-240V	110LM/W	4400LM	80/90	<19
HL-SPL12531-40W	1247*310*10mm	40W	1000mA	AC200-240V	120LM/W	4800LM	80/90	<19
HL-SPL12519-40W	1247*185*10mm	40W	1000mA	AC200-240V	110LM/W	1400LM	80/90	<19
HL-SPL12015-36W	1200*150*10mm	36W	900mA	AC200-240V	100LM/W	3600LM	80/90	<19
HL-SPL12010-36W	1200*100*10mm	36W	900mA	AC200-240V	100LM/W	3600LM	80/90	<19
HL-SPL9030-32W	900*300*10mm	32W	850mA	AC200-240V	100LM/W	3200LM	80/90	<19
HL-SPL9015-32W	900*150*10mm	32W	850mA	AC200-240V	100LM/W	3200LM	80/90	<19
HL-SPL6015-18W	600*150*10mm	18W	450mA	AC200-240V	100LM/W	1800LM	80/90	<19
HL-SPL18030-72W	1800*300*10mm	72W	1800mA	AC200-240V	110LM/W	7200LM	80/90	<19
HL-SPL100100-100W	1000*1000*10mm	100W	2500mA	AC200-240V	100LM/W	10000LM	80/90	<19
HL-SPL120120-120W	1200*1200*10mm	120W	3000mA	AC200-240V	100LM/W	12000LM	80/90	<19

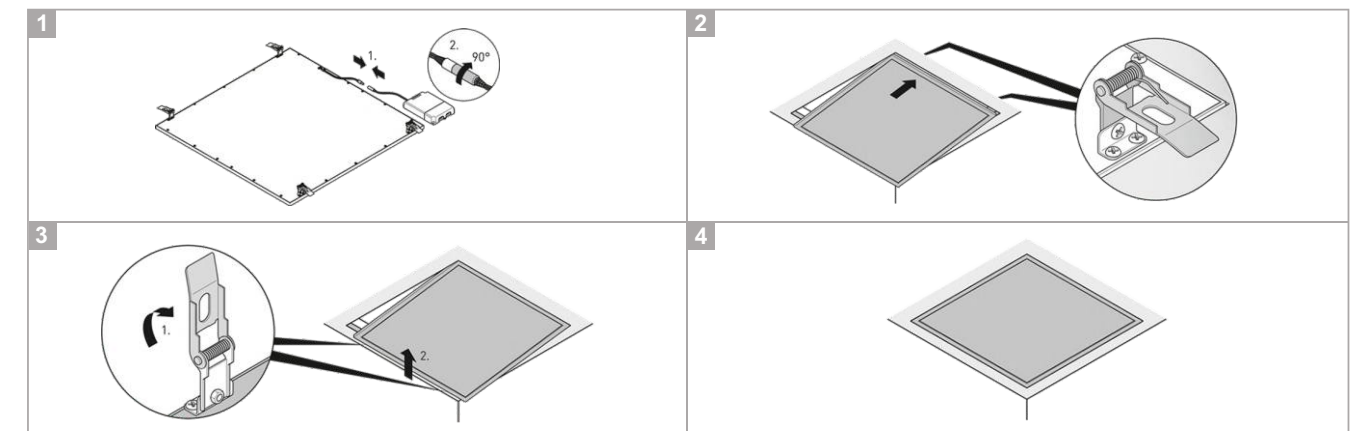
Dimension



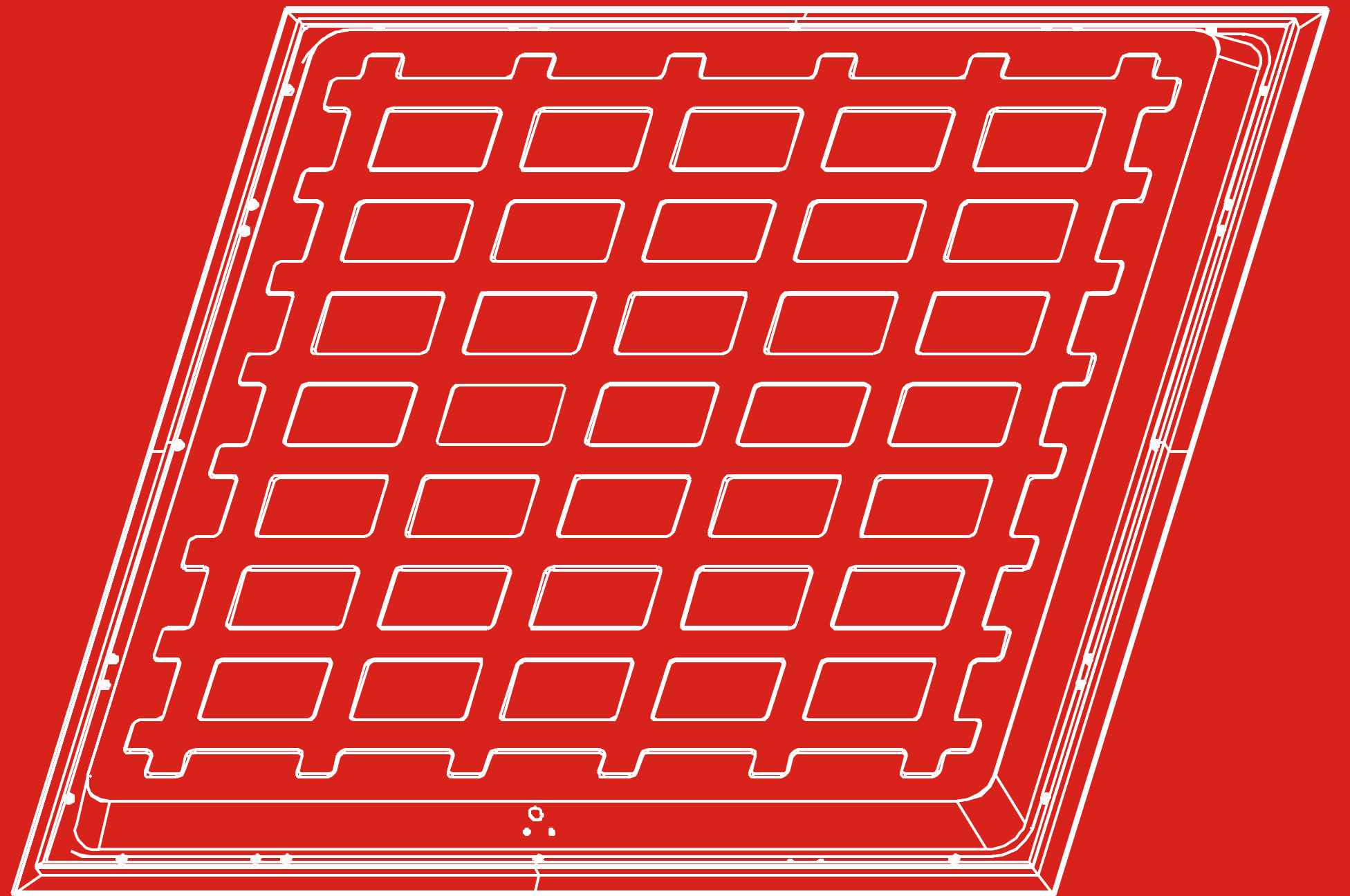
Description

- New EPREL2.0 "E", High Luminous Efficiency-up To 120lm/w .
- Special size can be customized according to project demand and lead time is very fast .
- Recessed, surface mounted, suspension installation methods are available.
- Good heat dissipation Design and Uniform Illumination.
- Multiple types of frame for options, made by Aluminium Alloy.
- Anti-glare, energy saving, long lifetime 50000 hours, easier installation.
- CRI>80 , SDCM<5 , UGR<19/UGR<16.

Installation



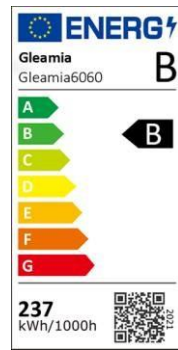
LED Back-Lit Panel Light



Back-Lit Panel Light

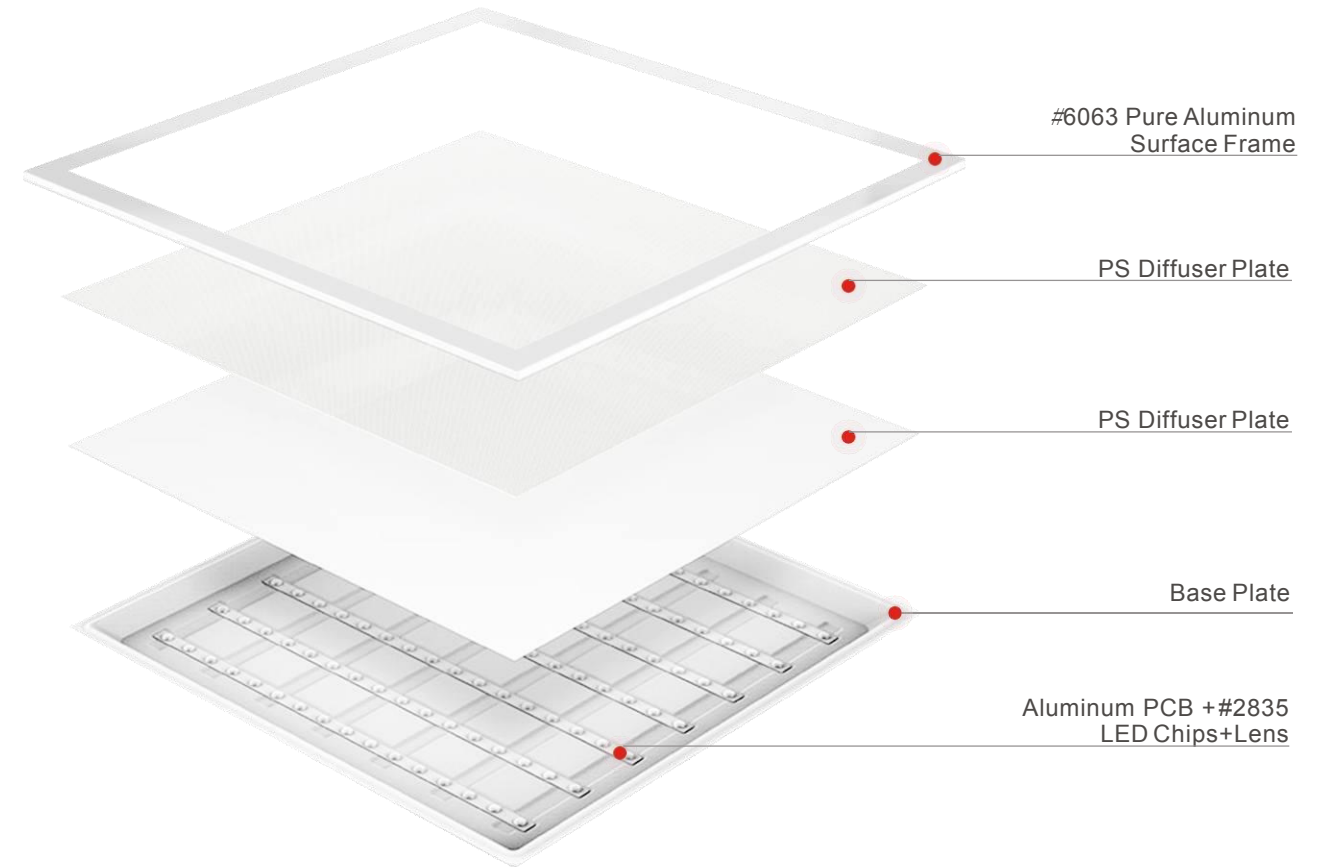
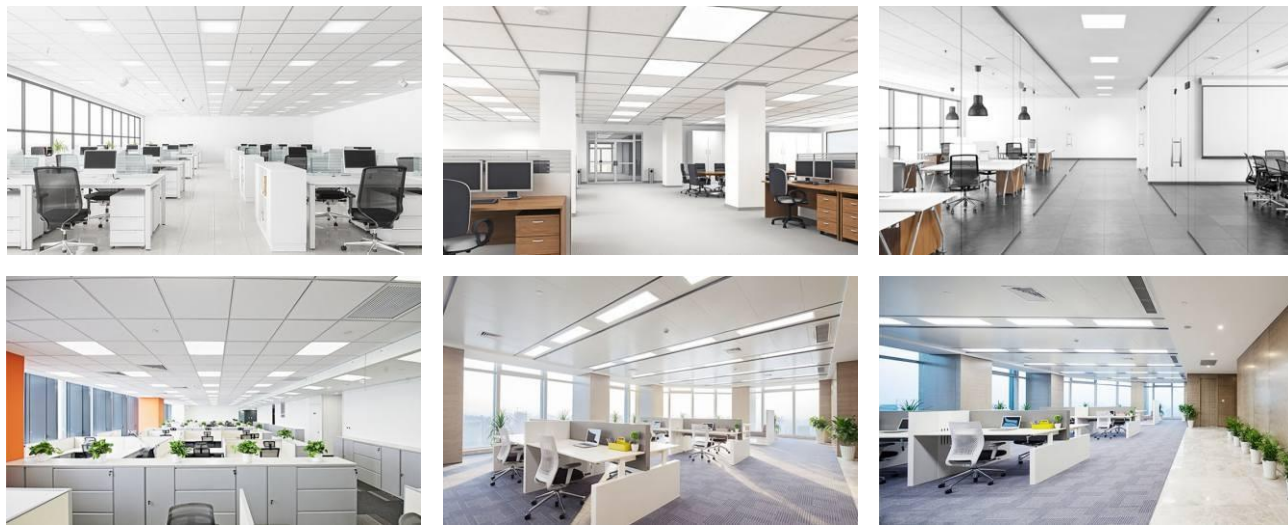
High Lumen

HOT
160LM/W



Description

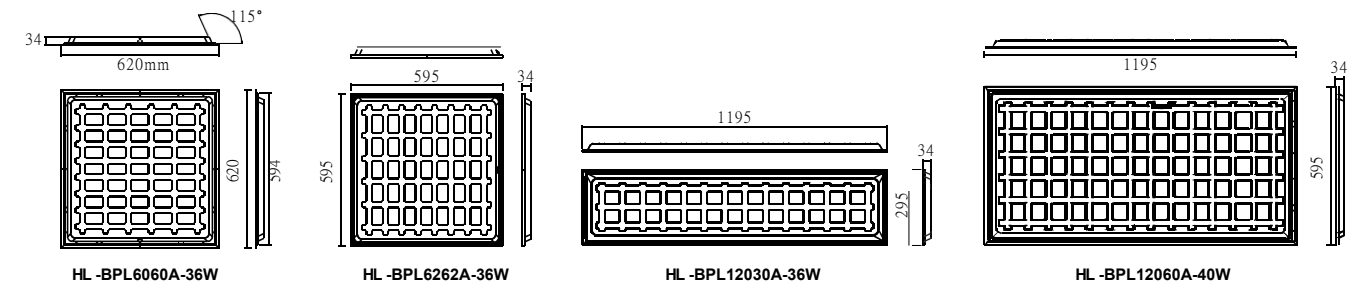
- EPREL2.0, Energy Efficiency Class="C"
- 3000K/4000K/6000K Switchable
- Driver: Philips Flicker Free
- Long Lifespan: Never Turn Yellow,5-7 Years Warranty
- High Strength Aluminum Alloy Frame,more Stronger
- High Luminous Efficiency-up To 160lm/w And Ugr<19



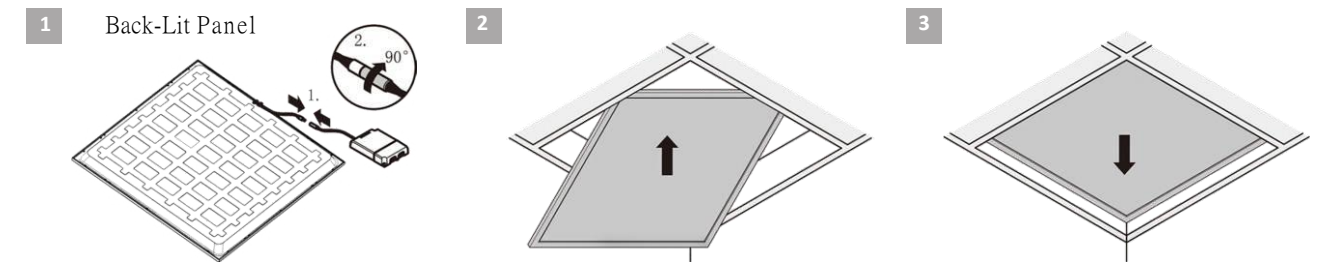
Photoelectric

Model Number	Dimension	Power	Electric Current	Input	Luminous Efficiency	Lumens Output	Ra	UGR
HL -BPL6060A-27W	595*595*34mm	27W	750mA	AC200-240V	160LM/W	4300LM	80/90	<19
HL -BPL6262A-27W	620*620*34mm	27W	750mA	200-240V	160LM/W	4300LM	80/90	<19
HL -BPL12030A-27W	1195*295*34mm	27W	750mA	200-240V	150LM/W	4000LM	80/90	<19
HL -BPL12060A-40W	1195*595*34mm	40W	1000mA	200-240V	160LM/W	6400LM	80/90	<19

Dimension



Installation

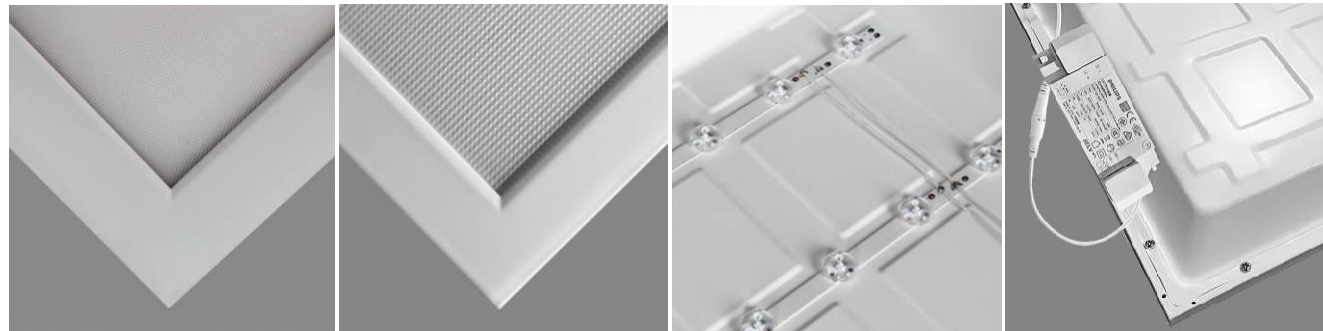
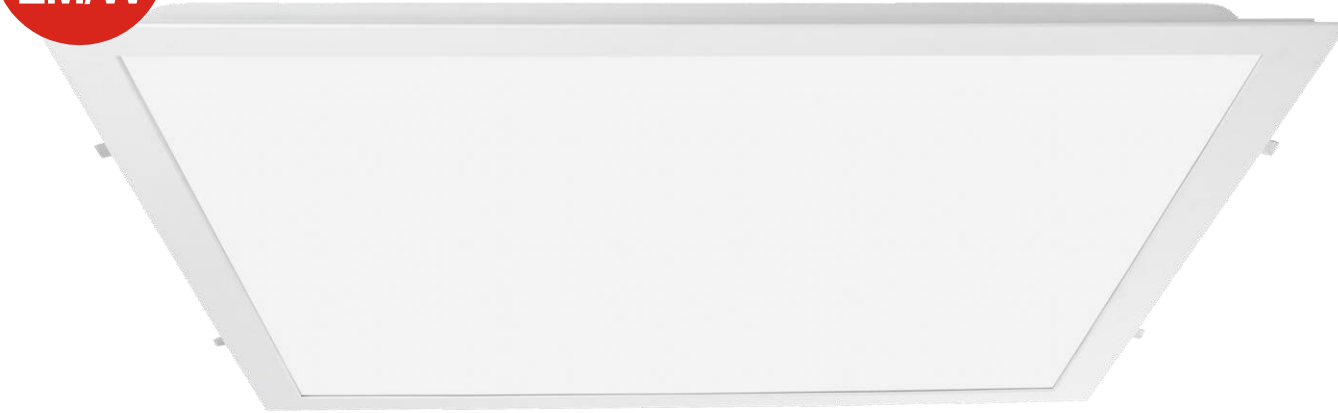


Edge-Lit Panel Light
Back-Lit Panel Light
Up and down Panel Light
Ceiling light
Downlight
Linear Light
Office Light
UFO High Bay Light
LED Flood Light

Back-Lit Panel Light

Economical Type

120
LM/W



UGR17

UGR19

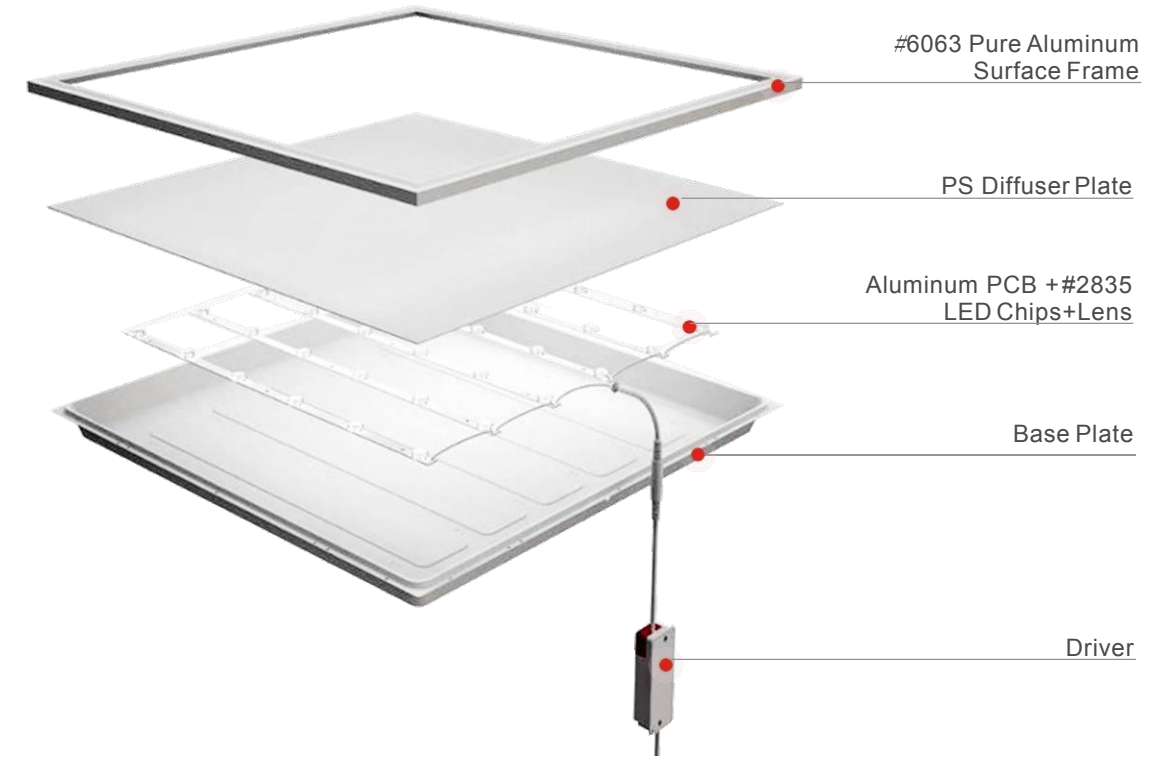
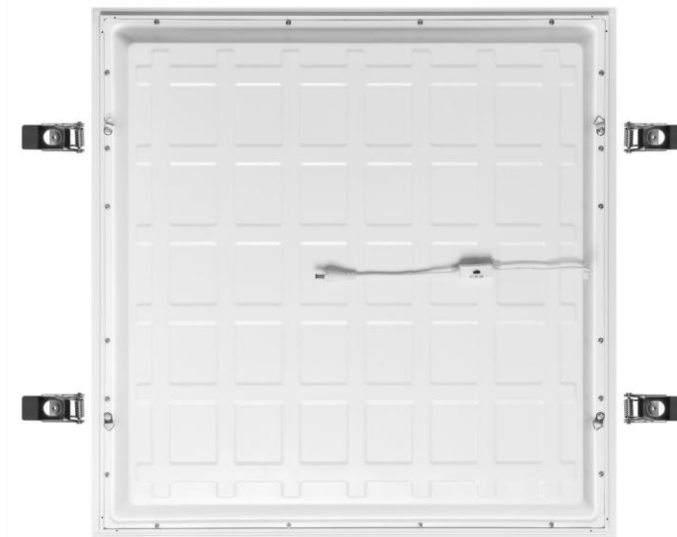
LED Chips+Lens

Philips



Description

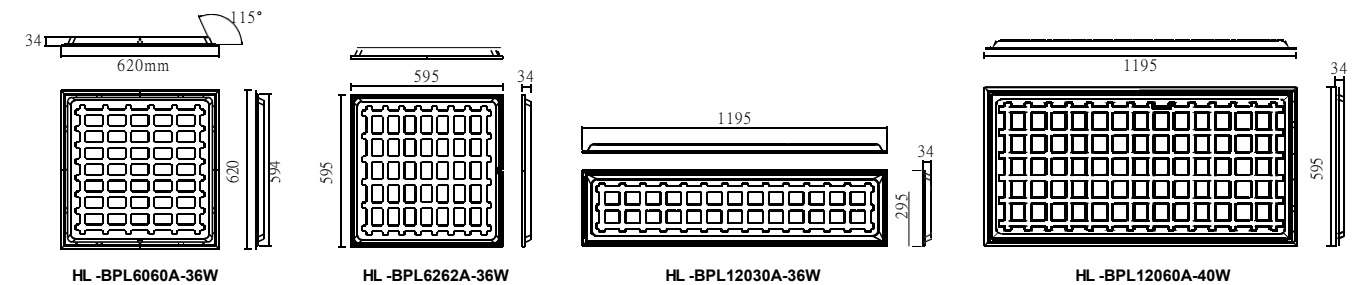
- EPREL2.0, Energy Efficiency Class="E"
- 3000K/4000K/6000K Switchable
- Driver: Philips Flicker Free
- Long Lifespan: Never Turn Yellow,5-7 Years Warranty
- High Strength Aluminum Alloy Frame,more Stronger
- High Luminous Efficiency-up To 120lm/w And Ugr<19



Photoelectric

Model Number	Dimension	Power	Electric Current	Input	Luminous Efficiency	Lumens Output	Ra	UGR
HL -BPL6060A-36W	595*595*34mm	36W	900mA	AC200-240V	120LM/W	4300LM	80/90	<19
HL -BPL6262A-36W	620*620*34mm	36W	900mA	AC200-240V	120LM/W	4300LM	80/90	<19
HL -BPL12030A-36W	1195*295*34mm	36W	900mA	200-240V	110LM/W	4000LM	80/90	<19
HL -BPL12060A-40W	1195*595*34mm	40W	950mA	200-240V	120LM/W	4800LM	80/90	<19

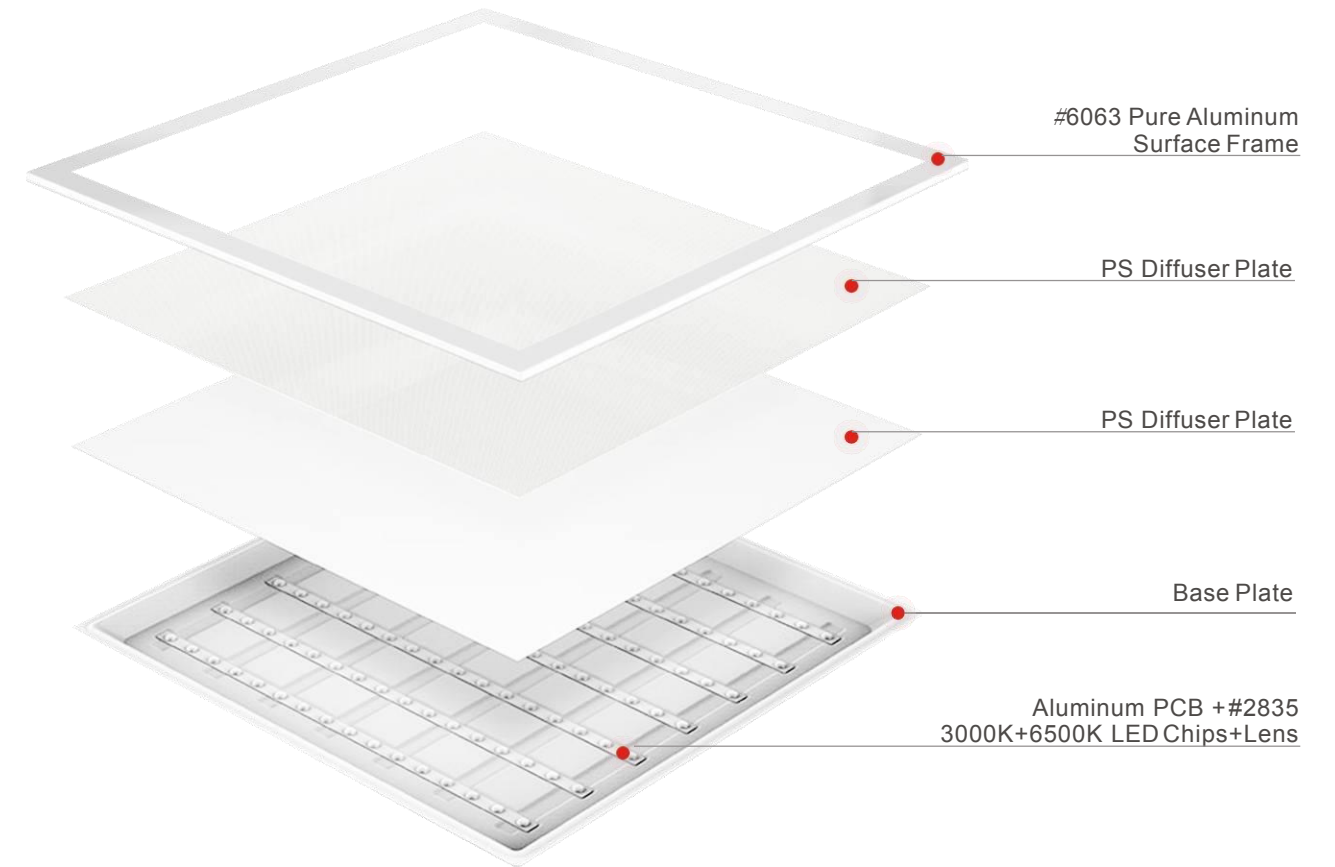
Dimension



Packing List

Model Number	Outer Carton(L*W*H)	Q'ty/CTN	G.W/CTN	QTY/40GP
HL -BPL6060A-36W	660*260*670mm	6pcs	12.7kg	3500PCS
HL -BPL6262A-36W	680*260*690mm	6pcs	13.6kg	3500PCS
HL -BPL12030A-36W	1260*260*370mm	6pcs	13.1kg	3400PCS
HL -BPL12060A-40W	1260*260*670mm	6pcs	26.4kg	1800PCS

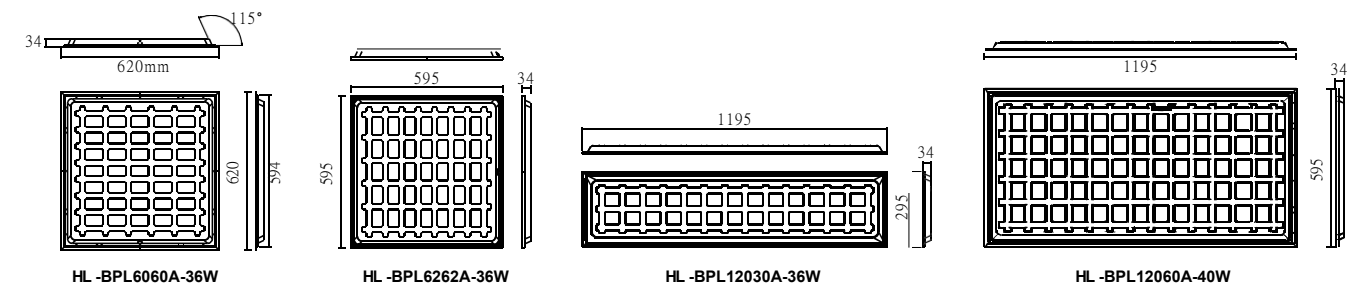
Back-Lit Panel CCT Tunable



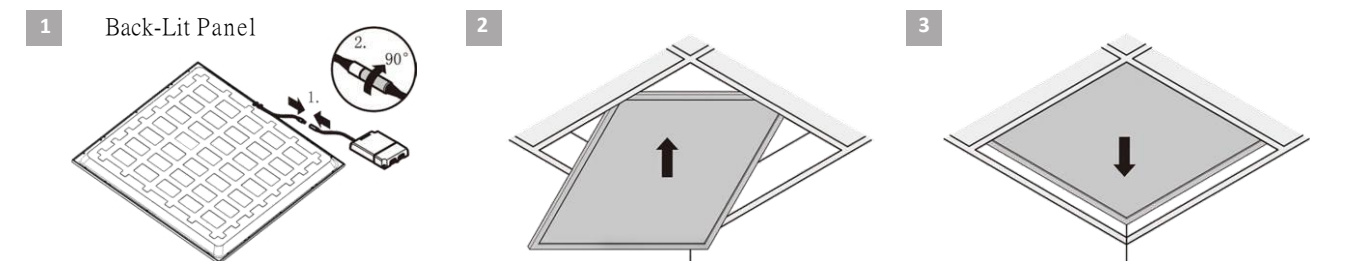
Photoelectric

Model Number	Dimension	Power	Electric Current	Input	Luminous Efficiency	Lumens Output	Ra	UGR
HL -BPL6060A-36W-CCT	595*595*34mm	36W	900mA	AC200-240V	120LM/W	4300LM	80/90	<19
HL -BPL6262A-36W-CCT	620*620*34mm	36W	900mA	AC200-240V	120LM/W	4300LM	80/90	<19
HL -BPL12030A-36W-CCT	1195*295*34mm	36W	900mA	AC200-240V	120LM/W	4300LM	80/90	<19
HL -BPL12060A-40W-CCT	1195*595*34mm	40W	1000mA	AC200-240V	120LM/W	4800LM	80/90	<19

Dimension

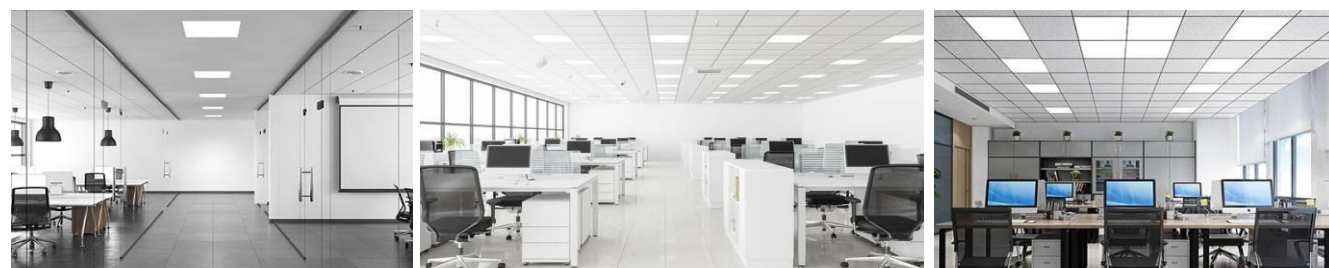


Installation



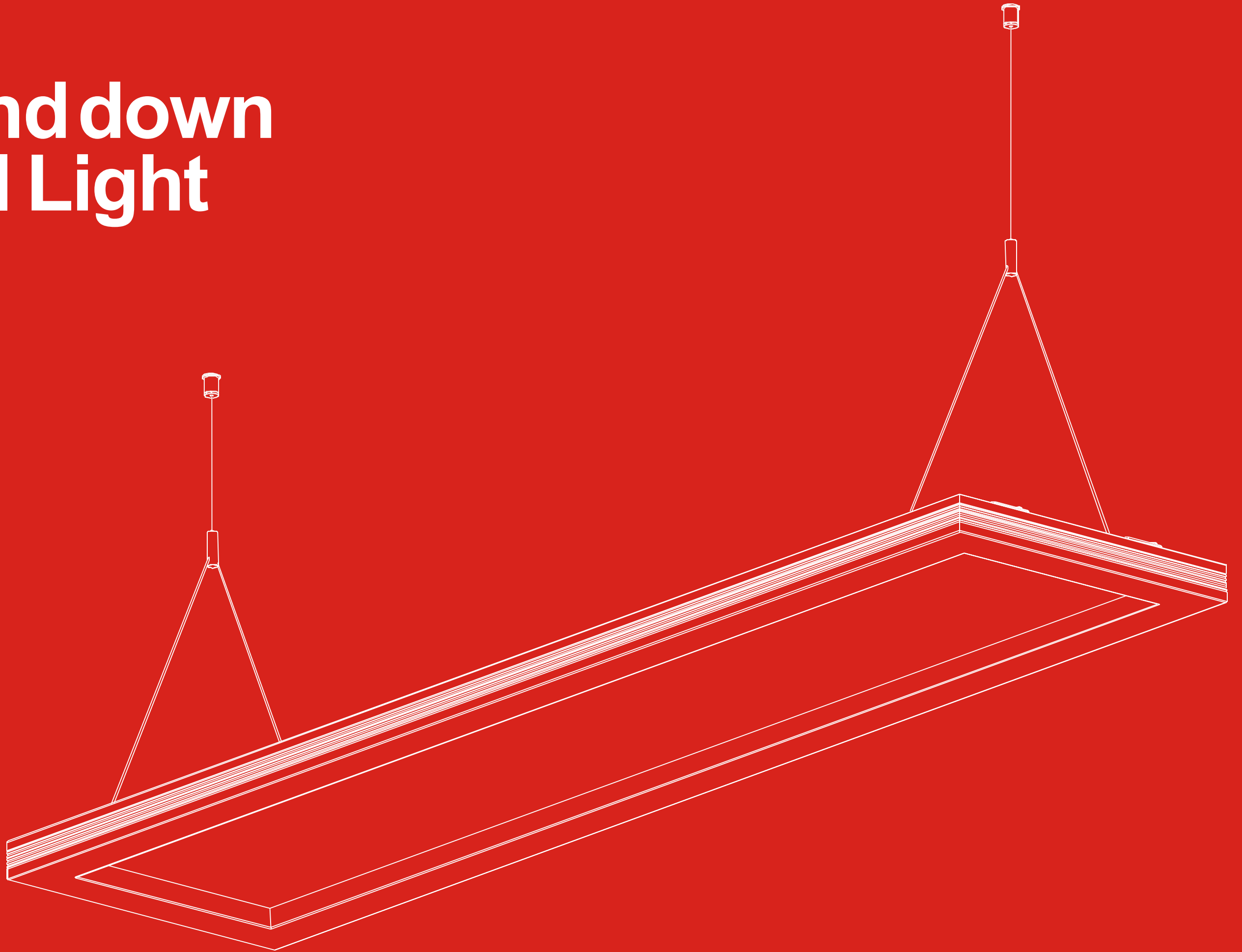
Description

- EPREL2.0, Energy Efficiency Class="E"
- 3000K/4000K/6000K Switchable
- Driver: Philips Flicker Free
- Long Lifespan: Never Turn Yellow,5-7 Years Warranty
- High Strength Aluminum Alloy Frame,more Stronger
- High Luminous Efficiency-up To 120lm/w And Ugr<19



Edge-Lit Panel Light
Back-Lit Panel Light
Up and down Panel Light
Ceiling light
Downlight
Linear Light
Office Light
UFO High Bay Light
LED Flood Light

Up and down Panel Light



UpAnd Down Lighting



30%
UPLIGHT

70%
DOWNLIGHT

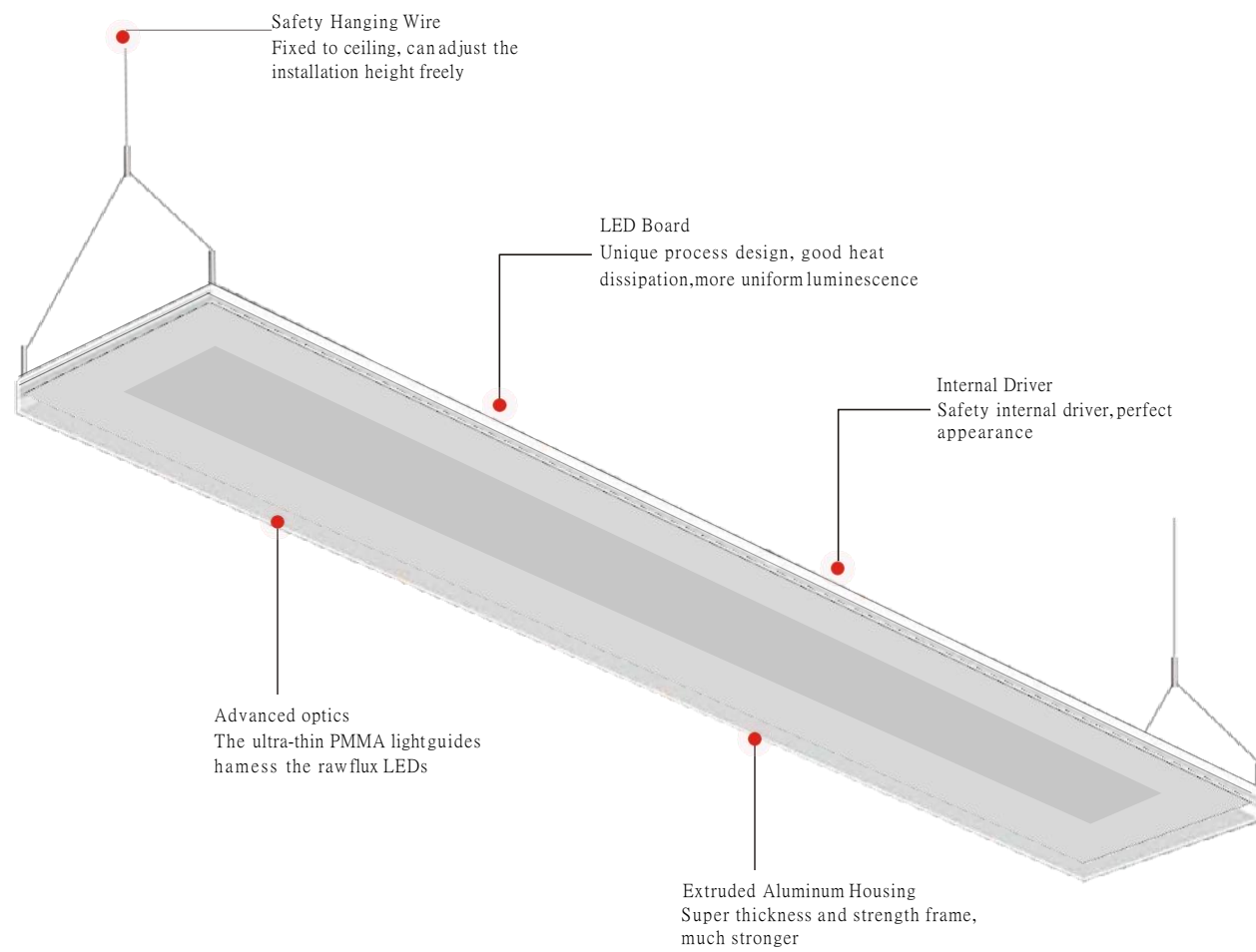
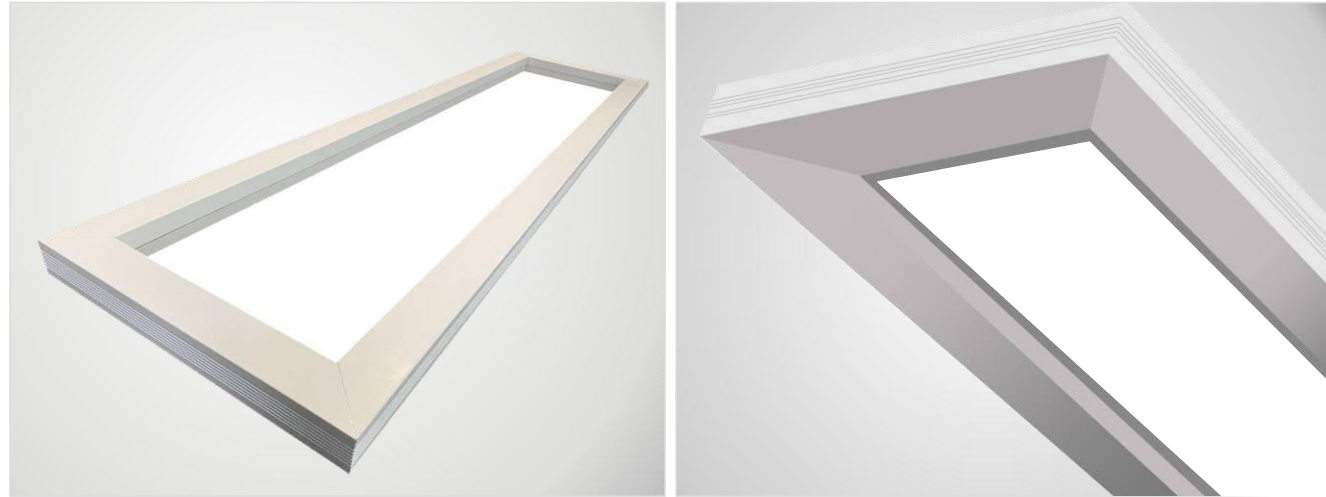
Description

- Reasonable lighting configuration design, 30% uplight and 70% downlight distribution (20% / 30% / 50% uplight distribution are optional).
- Unique design, high quality of surface processing.
- The surface is very clean and glossy, the light is soft and no glaring.
- Built-in high efficiency flicker free driver.
- Energy-saving, long lifespan, good CRI, easy installation.
- UGR<19,CRI>90,SDCM<5.



Edge-Lit Panel Light
Back-Lit Panel Light
Up and down Panel Light
Ceiling light
Downlight
Linear Light
Office Light
UFO High Bay Light
LED Flood Light

UpAnd Down Lighting



Color Temperature



3000K

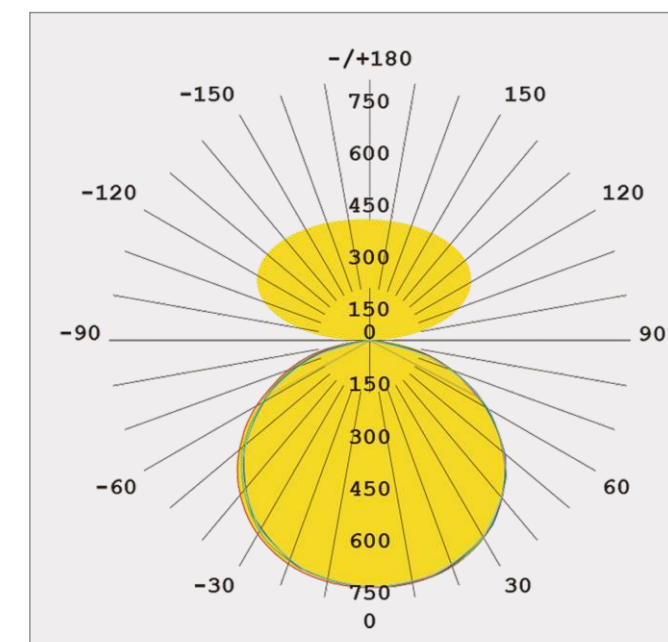
3500K

4000K

Photoelectric

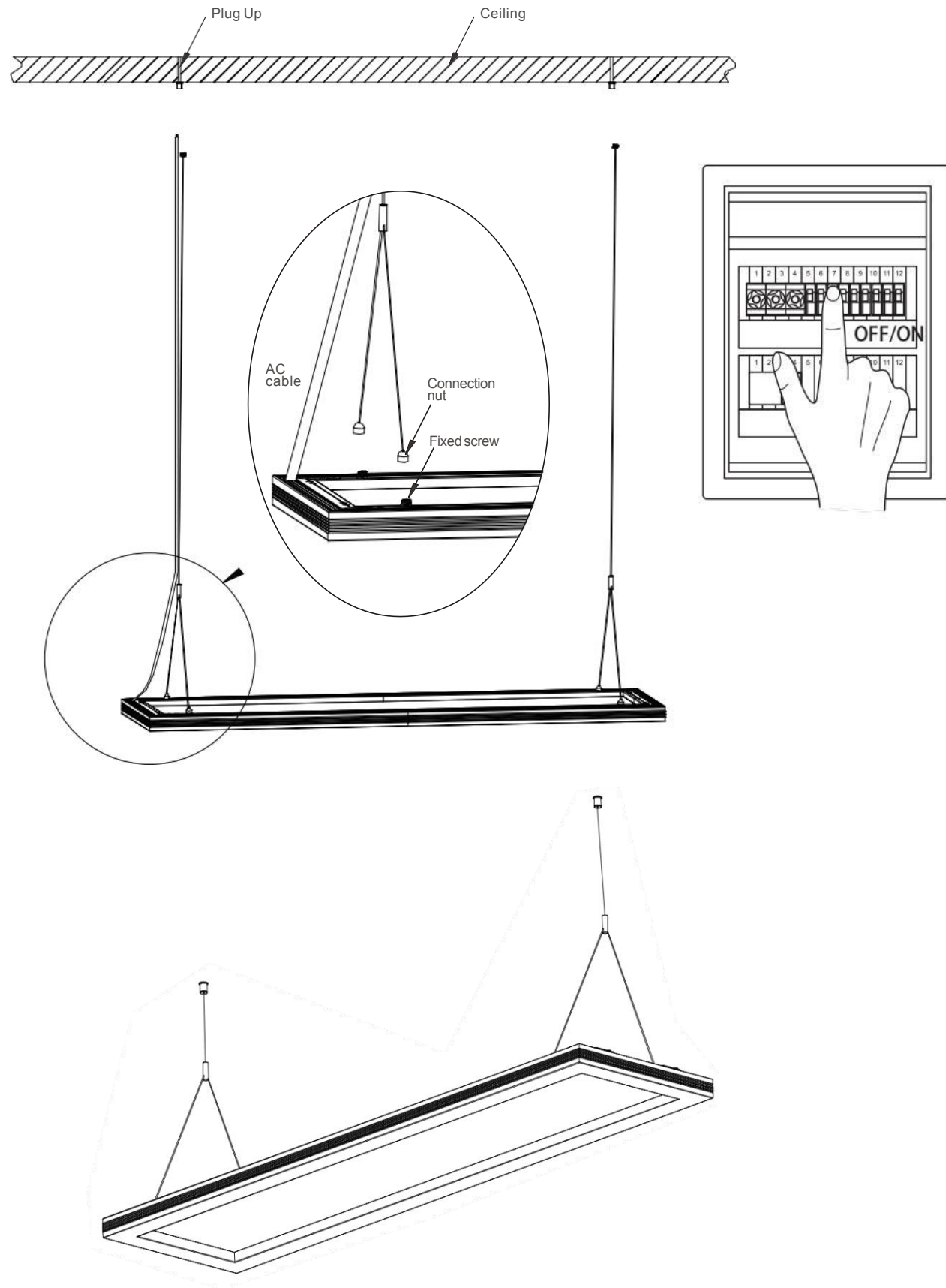
Model Number	Power	Dimension	Electric Current	Input	Luminous Surface	Luminous Efficiency	Lumens	Ra	UGR
HL-UDPL12030-40W	40W	1200*300*34mm	1000mA	200-240V	UP	60LM/W	2400LM	80/90	24
					DOWN	65LM/W	2600LM	80/90	19
HL-UDPL12030D-40W	40W	1200*300*34mm	1000mA	200-240V	UP	60LM/W	2400LM	80/90	24
					DOWN	65LM/W	2600LM	80/90	19
HL-UDPL15030-50W	50W	1500*300*34mm	1300mA	200-240V	UP	55LM/W	2750LM	80/90	24
					DOWN	60LM/W	3000LM	80/90	19
HL-UDPL15030D-50W	50W	1500*300*34mm	1300mA	200-240V	UP	55LM/W	2750LM	80/90	24
					DOWN	60LM/W	3000LM	80/90	19

Luminous Intensity Distribution Dia

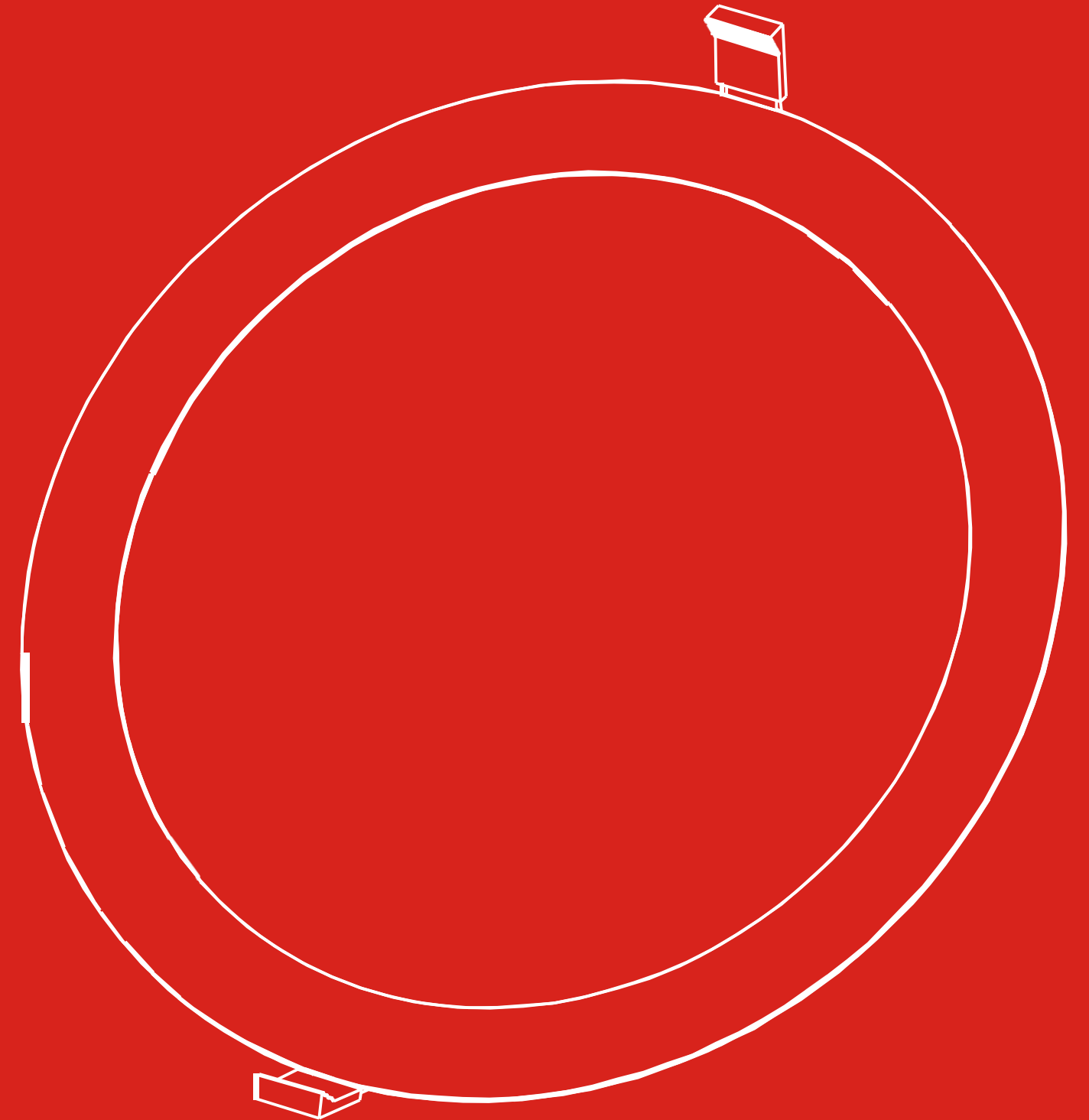
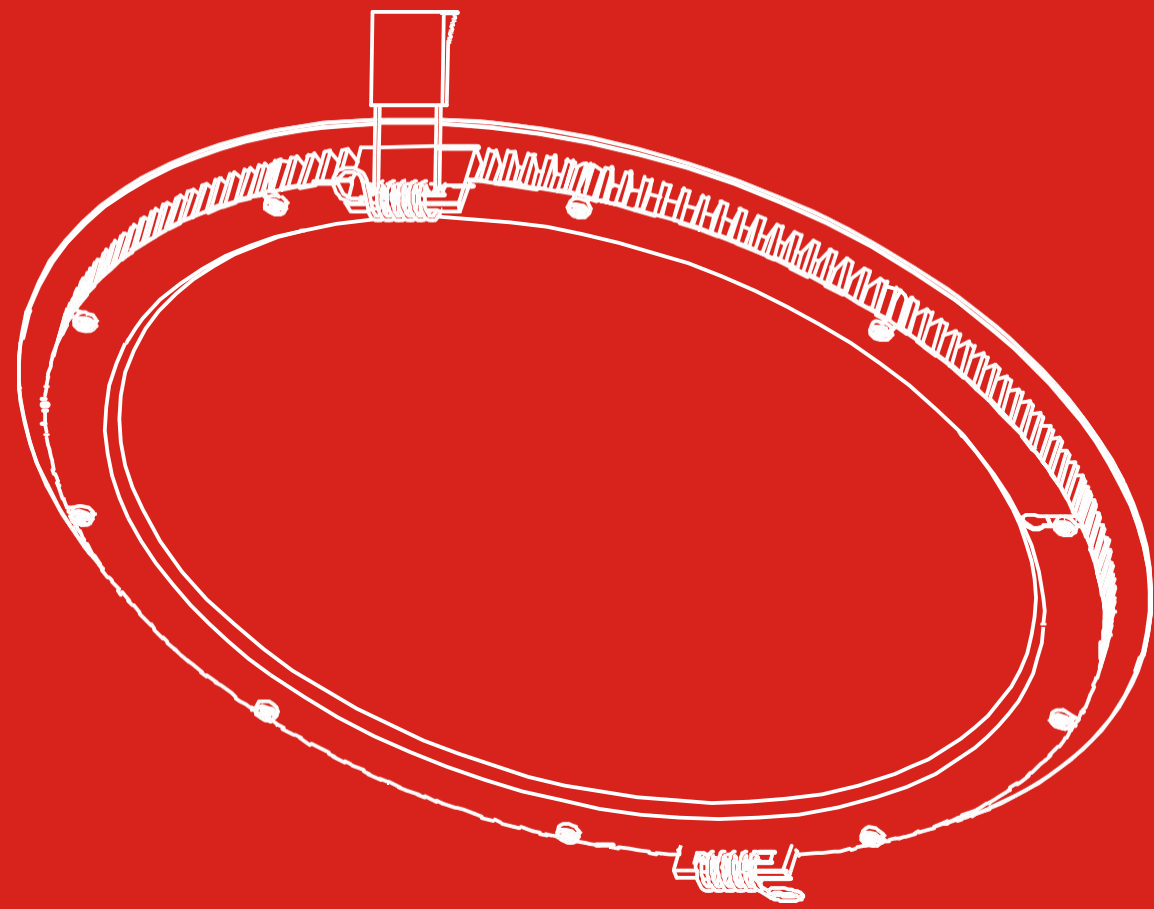


UpAnd Down Lighting

Installation



LED Downlight



Downlight



Description

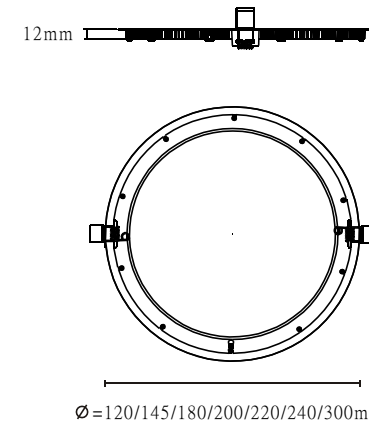
- Flat and ultra-thin circular design, beautiful and lightweight
- Soft light and high luminous flux
- Die-cast aluminum shell, good heat dissipation
- With spring assembly, easy installation
- Degree of Protection: IP40. IP44 is available.
- Energy saving and environmental protection, long life, high CRI, adjustable color temperature.



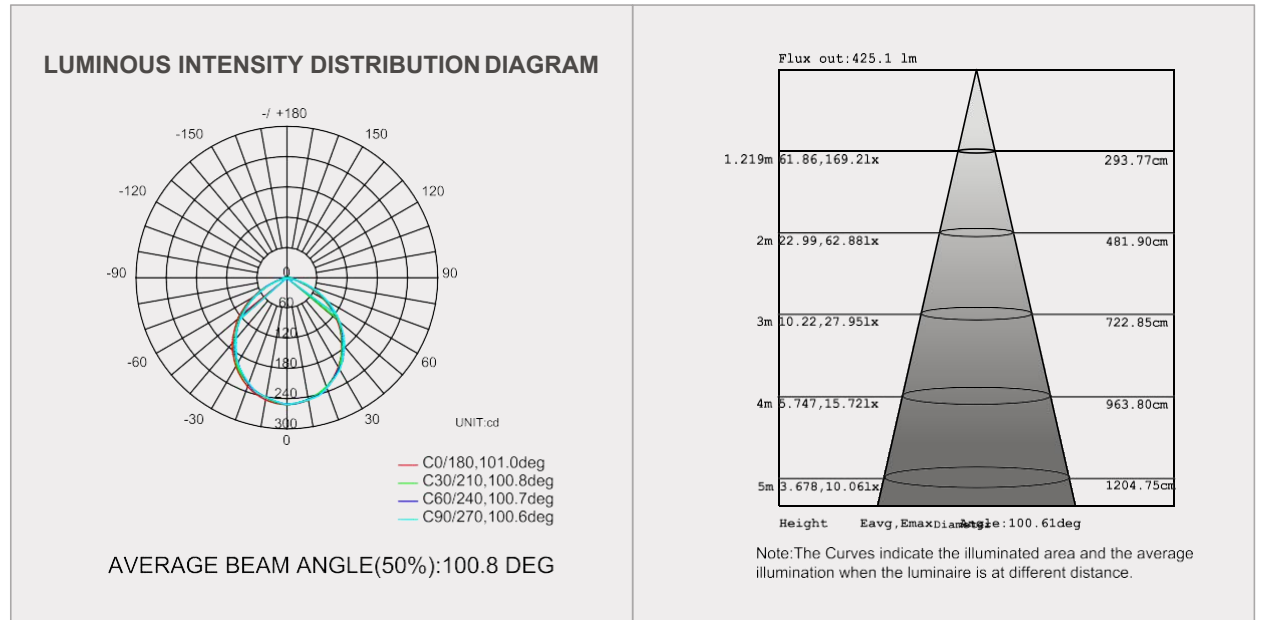
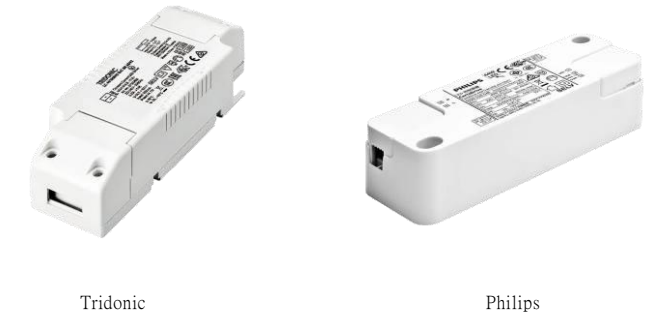
Photoelectric

Model Number	Dimension	Power	Input	Electric Current	Luminous Efficiency	Lumens	Ra	UGR
HL-SPL120R-8W	∅ 120*21mm	8W	200-240V	350mA	80LM/W	650LM	80/90	<19
HL-SPL145R-10W	∅ 145*21mm	10W	200-240V	250mA	80LM/W	800LM	80/90	<19
HL-SPL180R-12W	∅ 180*21mm	12W	200-240V	280mA	80LM/W	1000LM	80/90	<19
HL-SPL200R-15W	∅ 200*21mm	15W	200-240V	350mA	80LM/W	1200LM	80/90	<19
HL-SPL220R-18W	∅ 220*21mm	18W	200-240V	450mA	80LM/W	1450LM	80/90	<19
HL-SPL220R-20W	∅ 220*21mm	20W	200-240V	500mA	80LM/W	1600LM	80/90	<19
HL-SPL240R-18W	∅ 240*21mm	18W	200-240V	450mA	80LM/W	1450LM	80/90	<19
HL-SPL240R-20W	∅ 240*21mm	20W	200-240V	500mA	80LM/W	1600LM	80/90	<19
HL-SPL300R-20W	∅ 300*21mm	20W	200-240V	500mA	80LM/W	1600LM	80/90	<19
HL-SPL300R-24W	∅ 300*21mm	24W	200-240V	560mA	80LM/W	1900LM	80/90	<19

Dimension



Driver



Downlight



Description

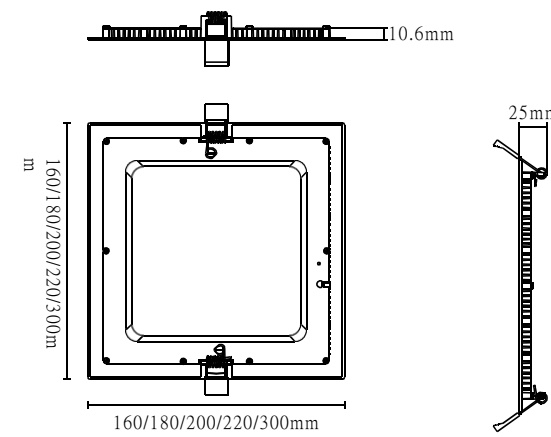
- Flat ultra-thin square design, beautiful and lightweight
- Soft and uniform light, high luminous flux
- Die-cast aluminum shell, good heat dissipation
- With spring assembly, easy installation
- Degree of Protection: IP40. IP44 is available.
- Energy saving and environmental protection, long life, high CRI, adjustable color temperature.



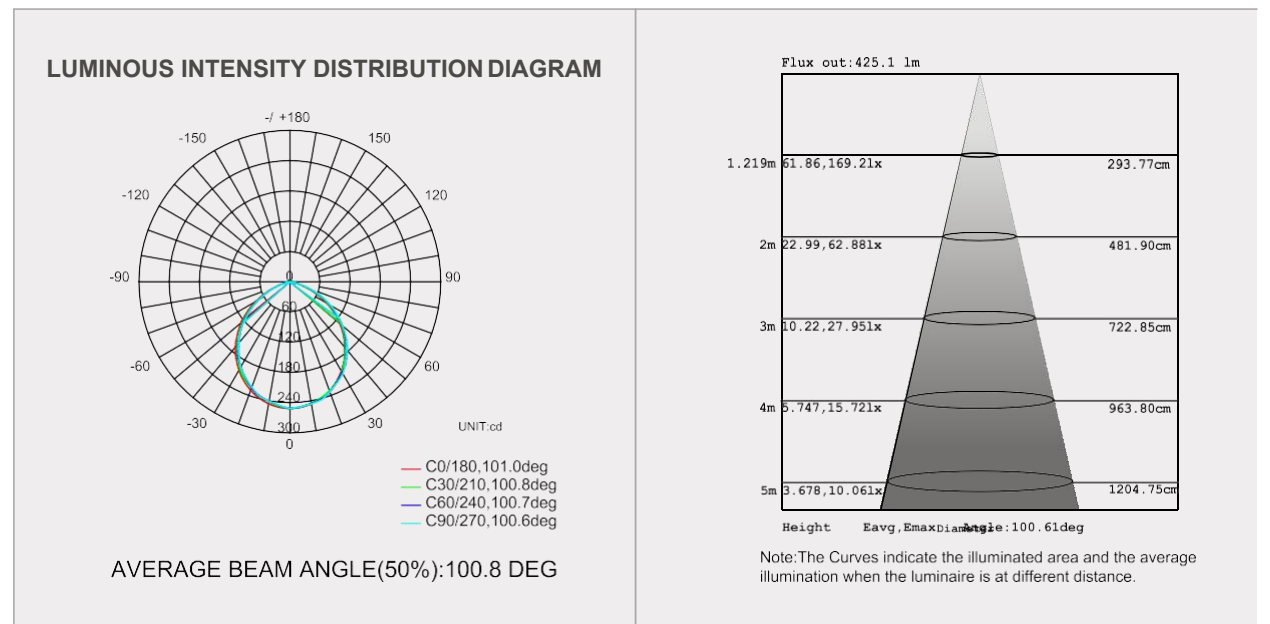
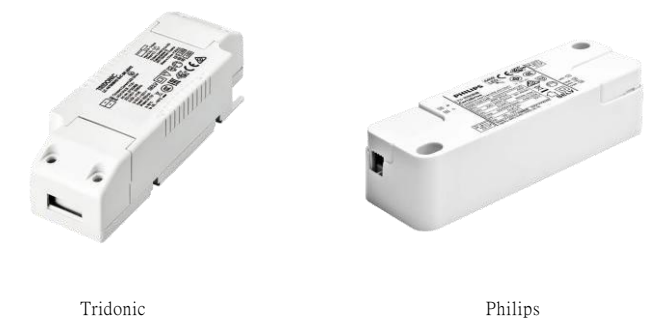
Photoelectric

Model Number	Dimension	Power	Input	Electric Current	Luminous Efficiency	Lumens	Ra	UGR
HL-SPL160S-10W	160*160*21mm	10W	200-240V	250mA	80LM/W	800LM	80/90	<19
HL-SPL180S-12W	180*180*21mm	12W	200-240V	280mA	80LM/W	1000LM	80/90	<19
HL-SPL200S-18W	200*200*21mm	18W	200-240V	450mA	80LM/W	1450LM	80/90	<19
HL-SPL220S-20W	220*220*21mm	20W	200-240V	500mA	80LM/W	1600LM	80/90	<19
HL-SPL300S-24W	300*300*21mm	24W	200-240V	560mA	80LM/W	1900LM	80/90	<19

Dimension



Driver



Downlight



Description

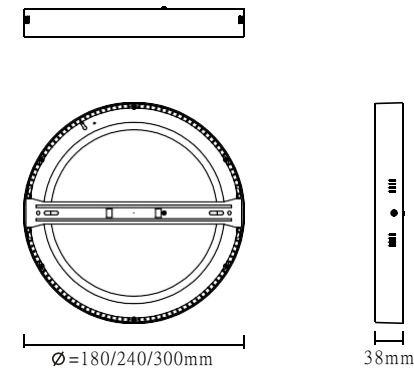
- Flat circular design, beautiful and does not take up space saving
- Soft light and high luminous flux
- Die-cast aluminum shell, good heat dissipation
- With bracket assembly, easy installation
- Degree of Protection: IP40. IP44 is available.
- Energy saving and environmental protection, long life, high CRI, adjustable color temperature.



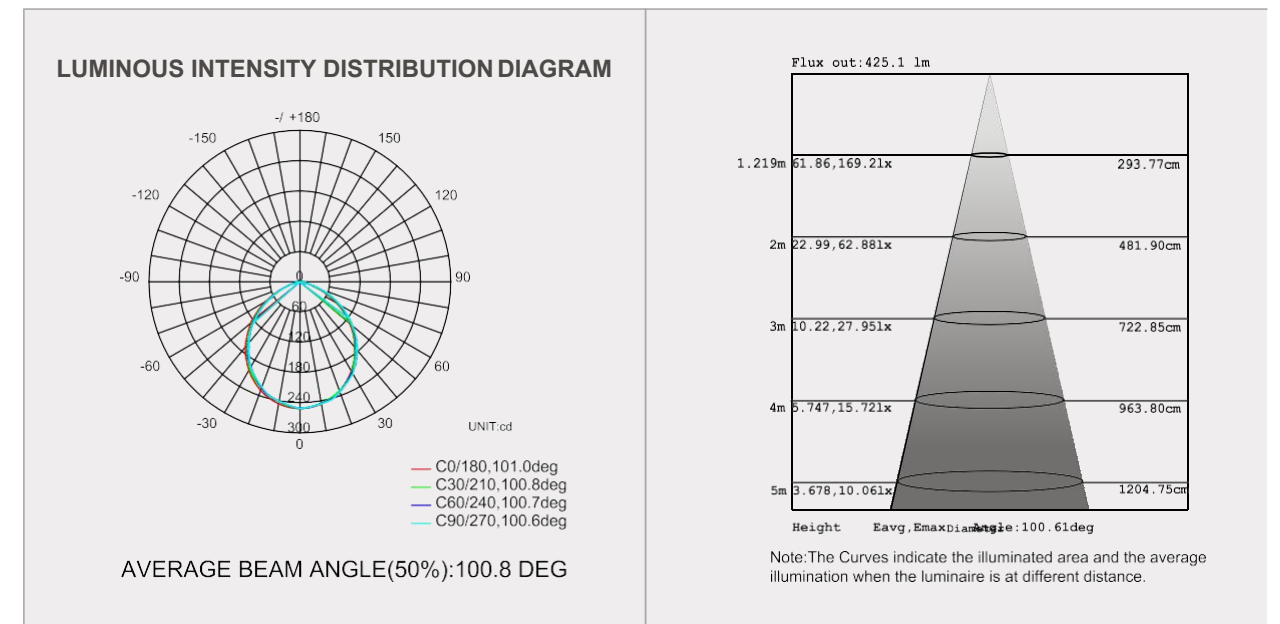
Photoelectric

Model Number	Dimension	Power	Input	Electric Current	Luminous Efficiency	Lumens	Ra	UGR
HL-SPL180R-12W	∅ 180*40mm	12W	200-240V	280mA	80LM/W	900LM	80/90	<19
HL-SPL240R-18W	∅ 240*40mm	18W	200-240V	450mA	80LM/W	1300LM	80/90	<19
HL-SPL240R-20W	∅ 240*40mm	20W	200-240V	500mA	80LM/W	1500LM	80/90	<19
HL-SPL300R-20W	∅ 300*40mm	20W	200-240V	500mA	80LM/W	1500LM	80/90	<19
HL-SPL300R-24W	∅ 300*40mm	24W	200-240V	560mA	80LM/W	1700LM	80/90	<19

Dimension



Driver



Edge-Lit Panel Light
Back-Lit Panel Light
Up and down Panel Light
Ceiling light
Downlight
Linear Light
Office Light
High Bay Light
LED Flood Light

Downlight



Description

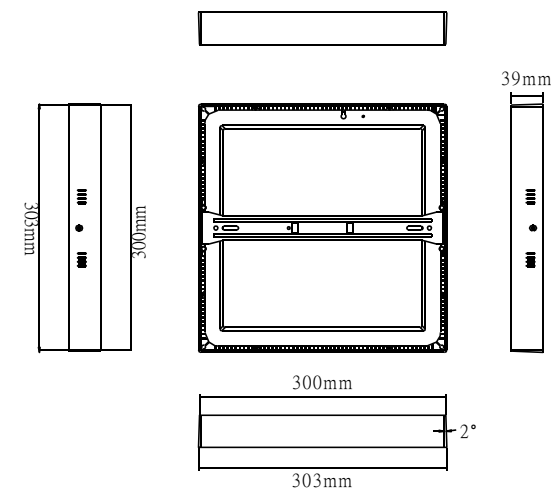
- Flat and square design, beautiful and does not take up space saving
- Soft and uniform light, high luminous flux
- Die-cast aluminum shell, good heat dissipation
- With bracket assembly, easy installation
- Degree of Protection: IP40. IP44 is available.
- Energy saving and environmental protection, long life, high CRI, adjustable color temperature.



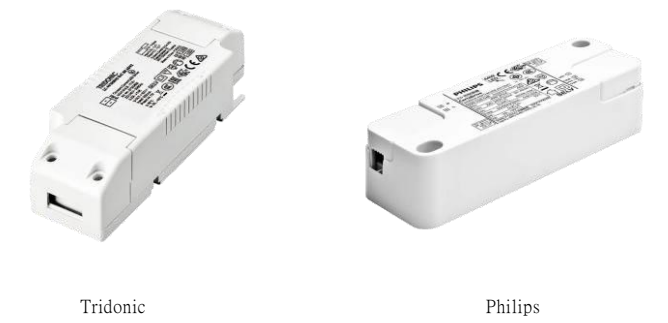
Photoelectric

Model Number	Dimension	Power	Input	Electric Current	Luminous Efficiency	Lumens Output	Ra	UGR
HL-SPL300S-24W	300*300*39mm	24W	200-240V	560mA	80LM/W	1900LM	80/90	<19

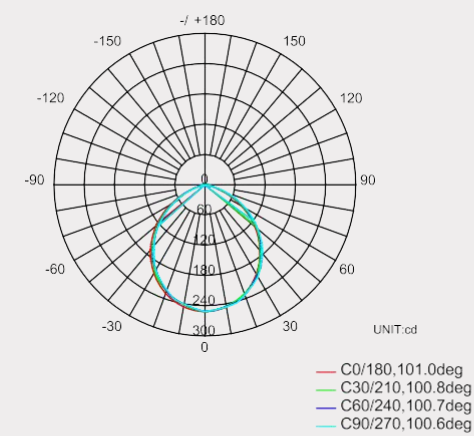
Dimension



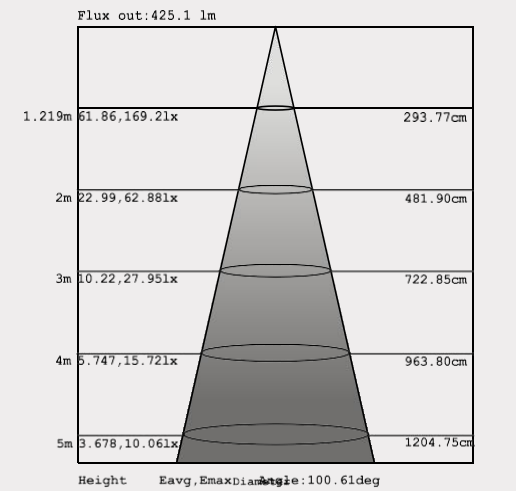
Driver



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

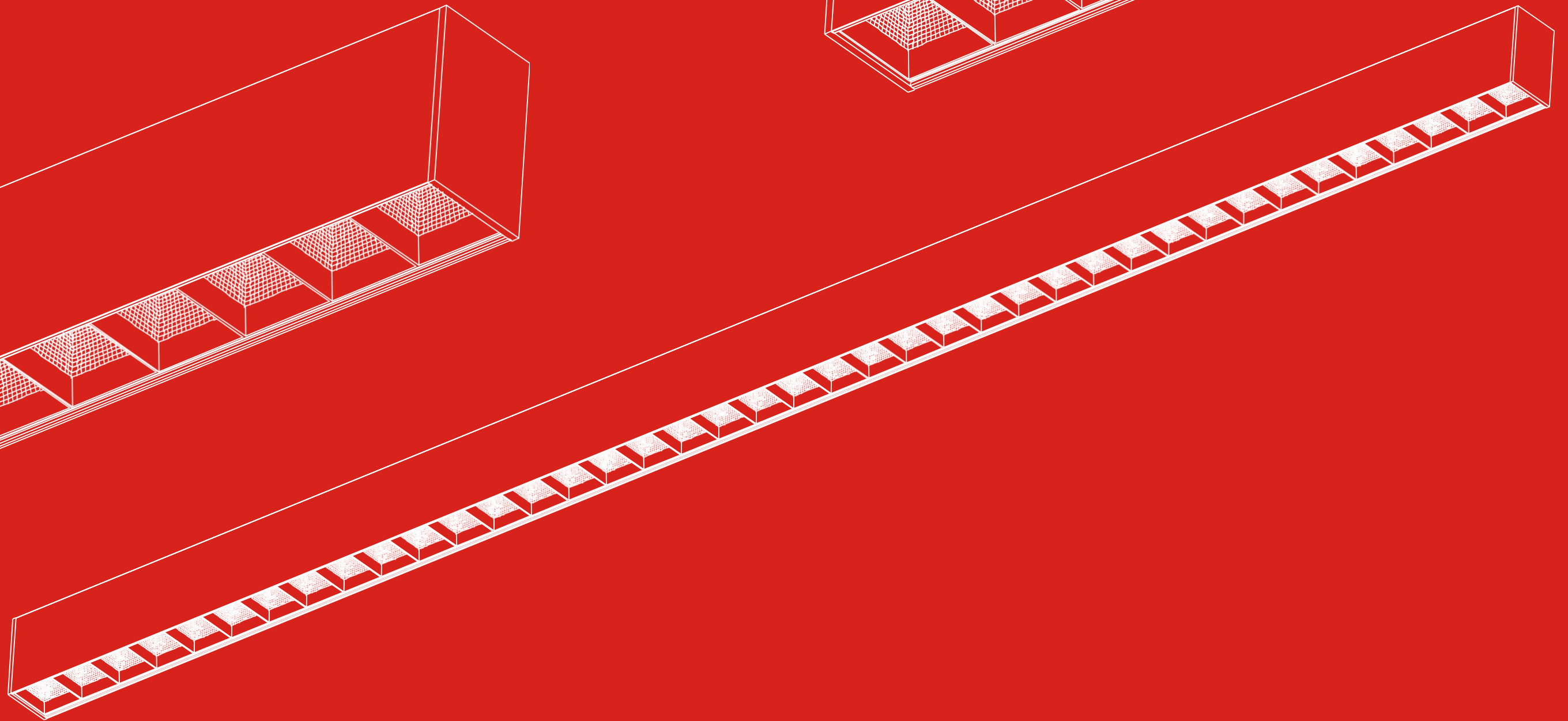
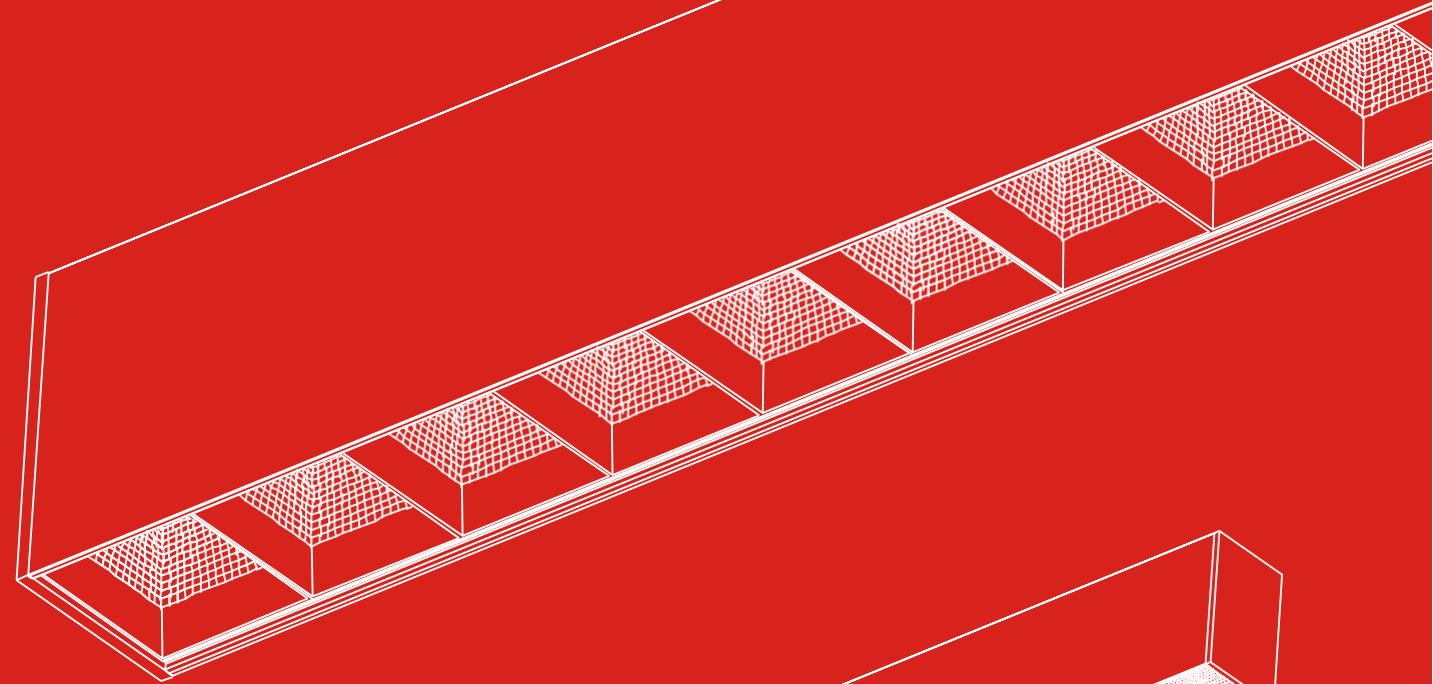
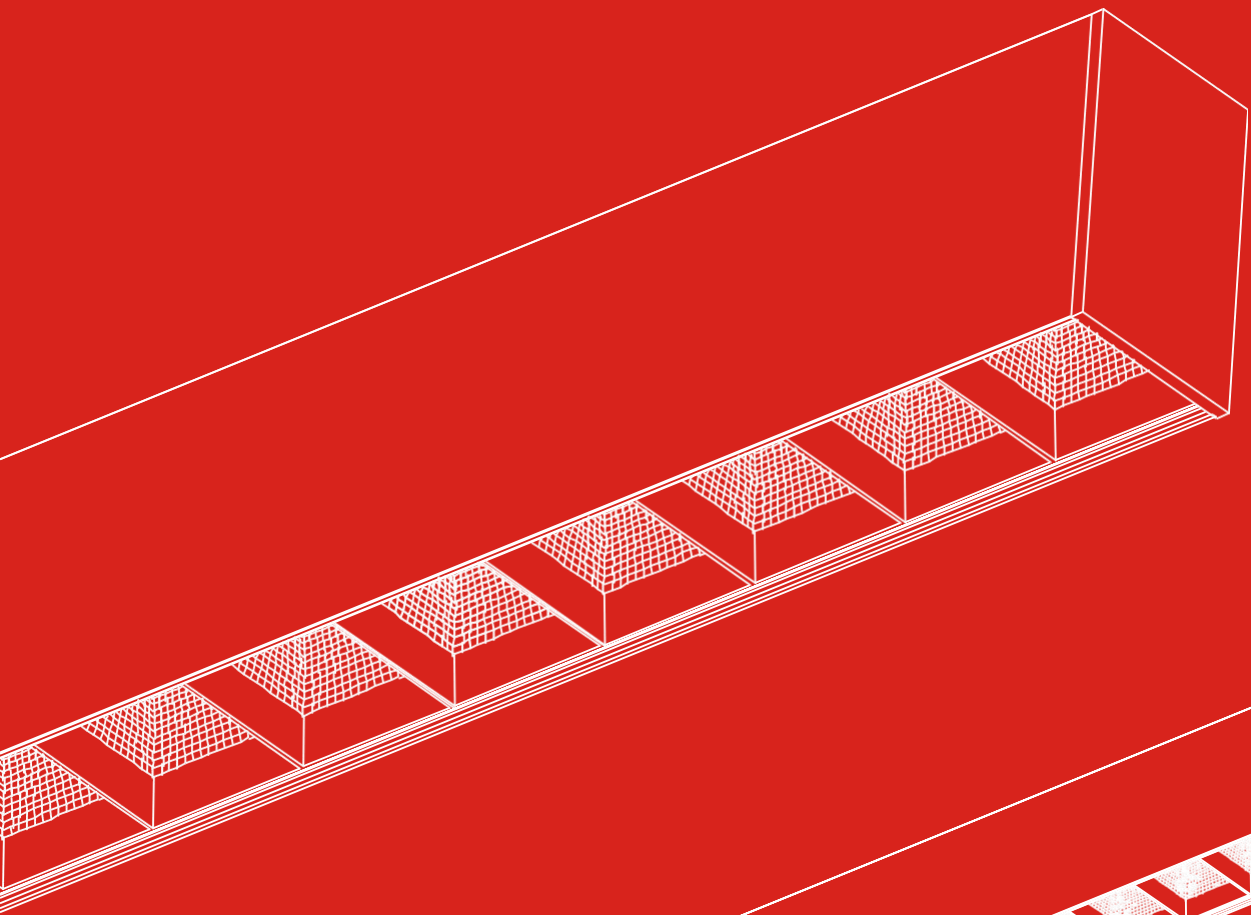


AVERAGE BEAM ANGLE(50%):100.8 DEG



Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

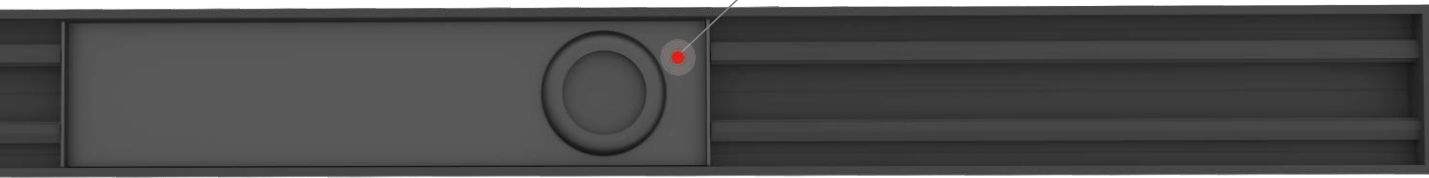
Linear Light



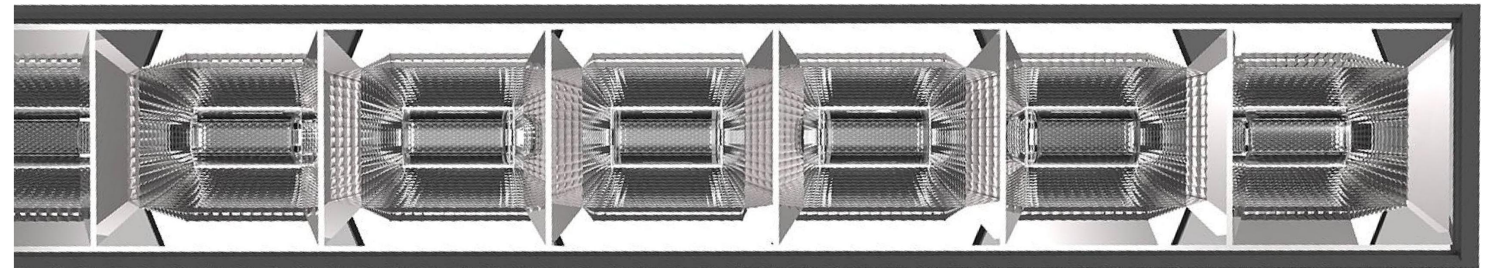
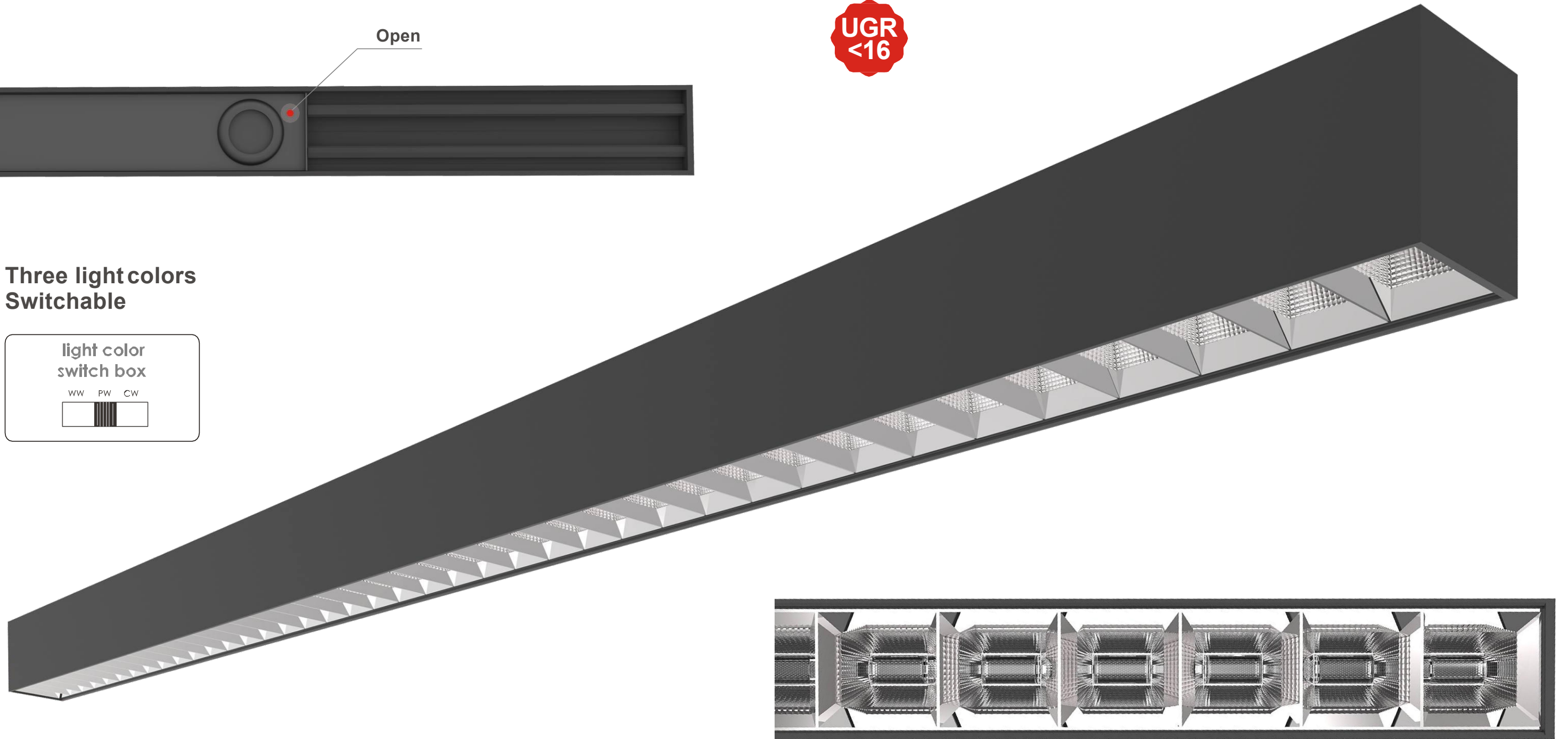
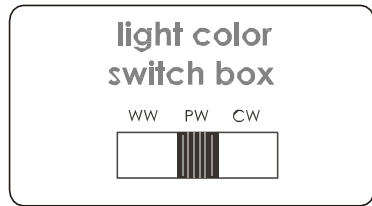
Linear Light TPA Series

UGR <16

Open



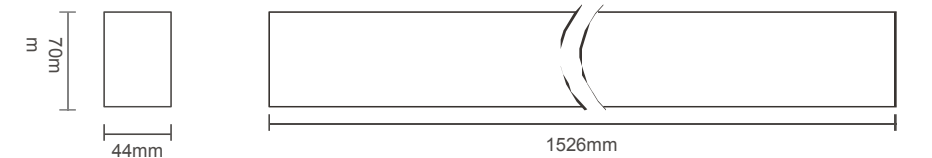
Three light colors Switchable



Description

The TPA inherits the TPA family's large-angle floodlight design, fully meets the office's demand for floodlight, while the anti-glare design gives the office staff a comfortable light environment, and the design is more flexible for installation applications.

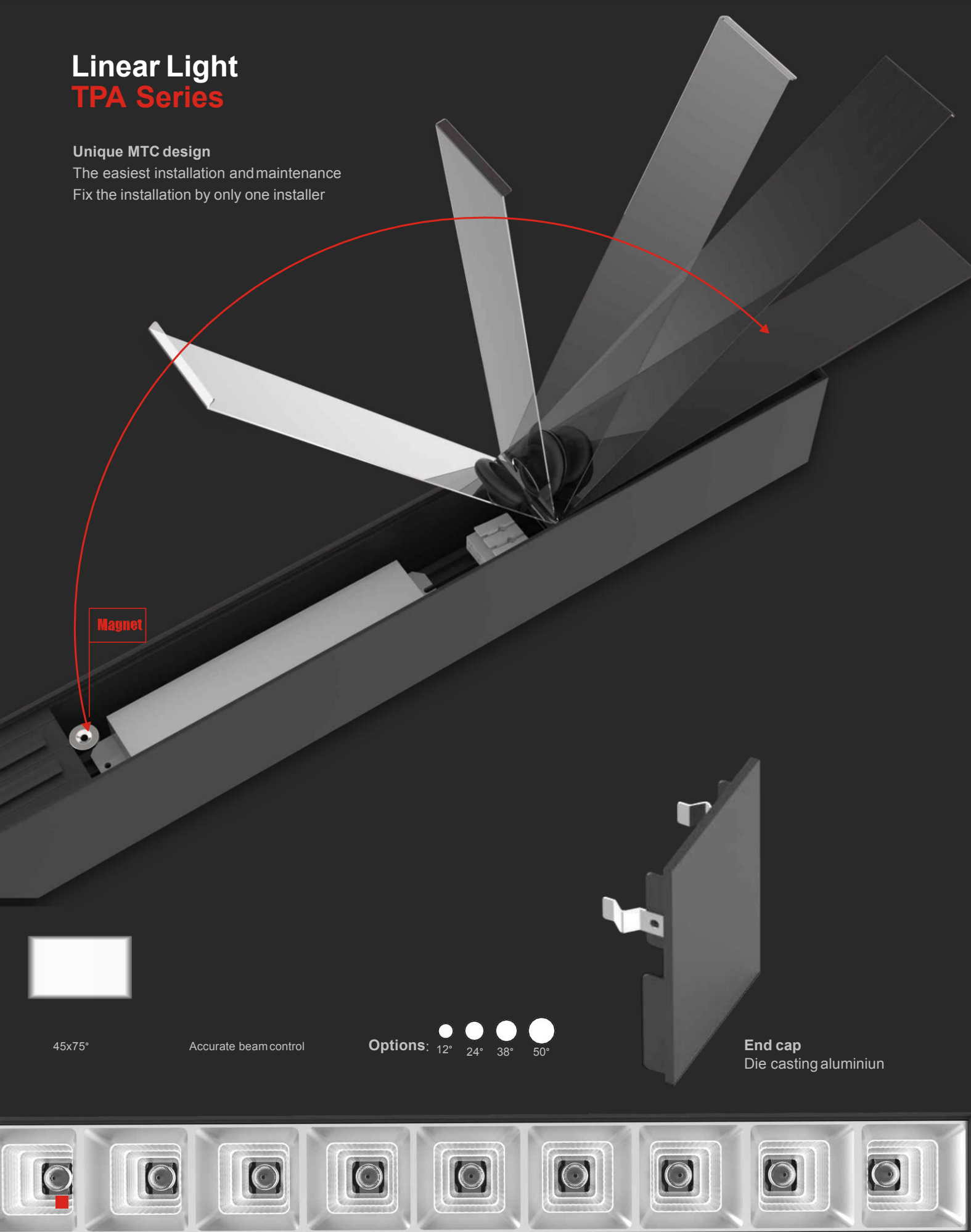
TPA flattened design is very delicate, itself is like an office decoration in the office.



Edge-Lit Panel Light
Back-Lit Panel Light
Up and down Panel Light
Ceiling light
Downlight
Linear Light
Office Light
UFO High Bay Light
LED Flood Light

Linear Light TPA Series

Unique MTC design
The easiest installation and maintenance
Fix the installation by only one installer



Photoelectric

Model Number	Dimension	Power	Electric Current	Input	Luminous Efficiency	Lumens Output	Ra	Color Temperature	Beam Angle
HL-TPA1146-36W	1146*44*70mm	36W	900mA	200-240V	110LM/W	4000LM	80/90	3000K/4000K/5700K	30X75°/45X75°
HL-TPA1526-48W	1526*44*70mm	48W	1200mA	200-240V	110LM/W	4900LM	80/90	3000K/4000K/5700K	30X75°/45X75°



DALI dimmable



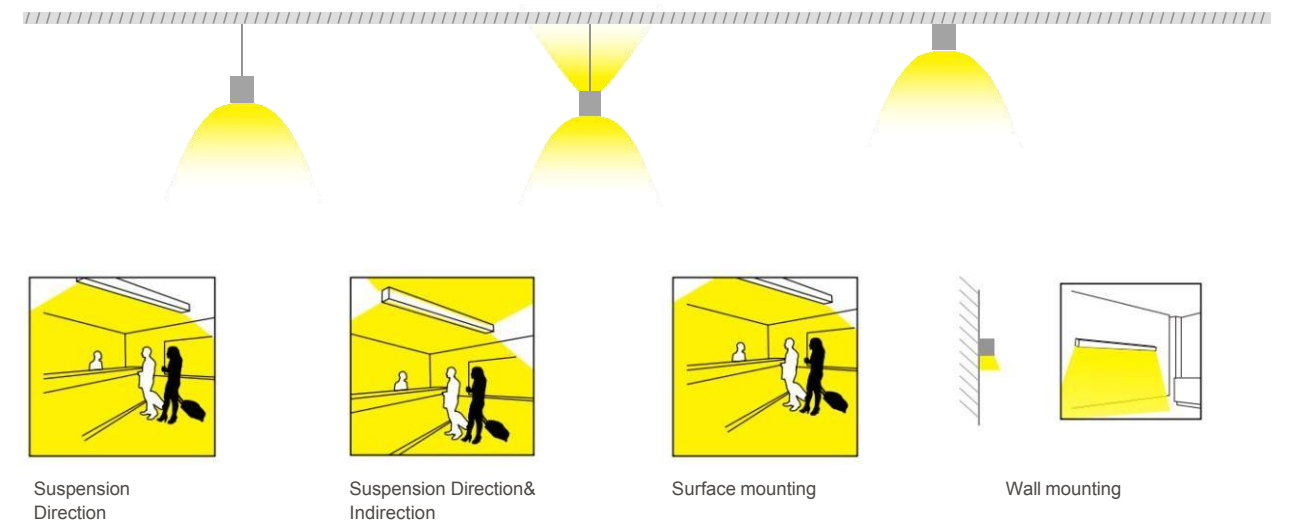
3CCT Switchable

LEDs: **OSRAM**
High lumen
SMD LEDs

Driver: **OSRAM**
Switchable or DALI
Dimmable driver

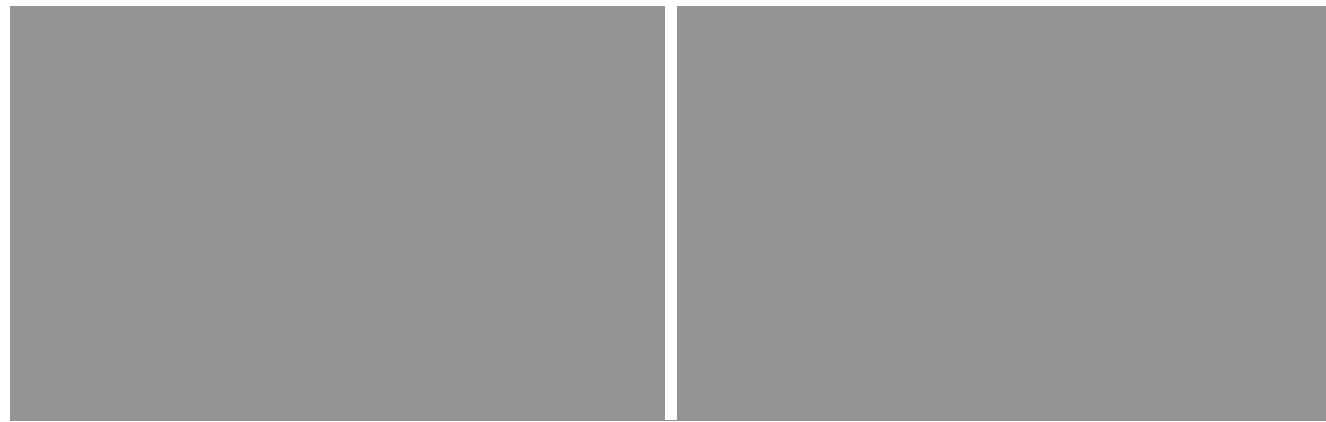
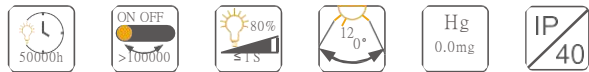


Installation



Edge-Lit Panel Light
Back-Lit Panel Light
Up and down Panel Light
Ceiling light
Downlight
Linear Light
Office Light
UFO High Bay Light
LED Flood Light

Linear Light TPB Series

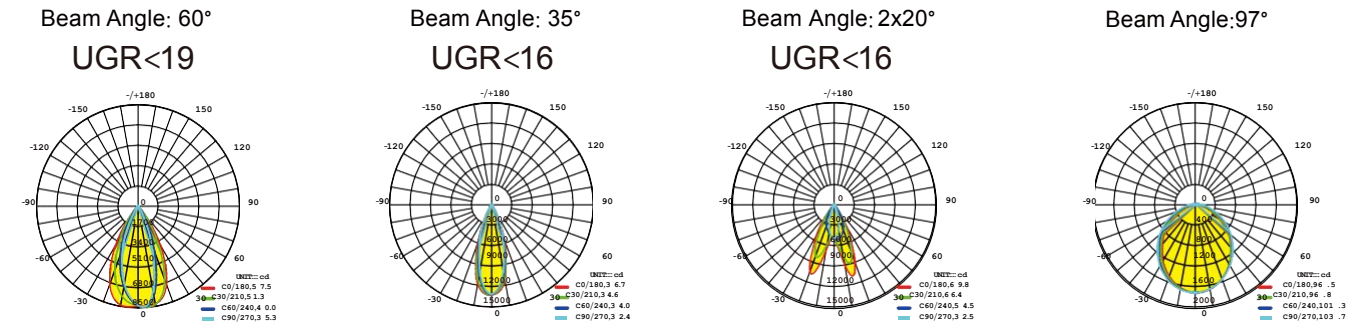


Description

- It Can Be Multi-connected To Shape H, I, L, T, Z Etc.
- Easy Handle And Tool-free.
- Beam Angle: 60°/35°/2x20°/97°For Option.
- Seamless Connection, Power Up To 2200W.
- High-tech Optical Design With Maximum Efficiency And Minimum Glare.
- Anti-glare, Energy-saving, Long Lifespan, Easy Installation.
- OSRAM LED ;OSRAM DRIVER
- CRI>80, SDCM<5.



Testing(A.Distribution Curve: HL -TPB150A-60W)

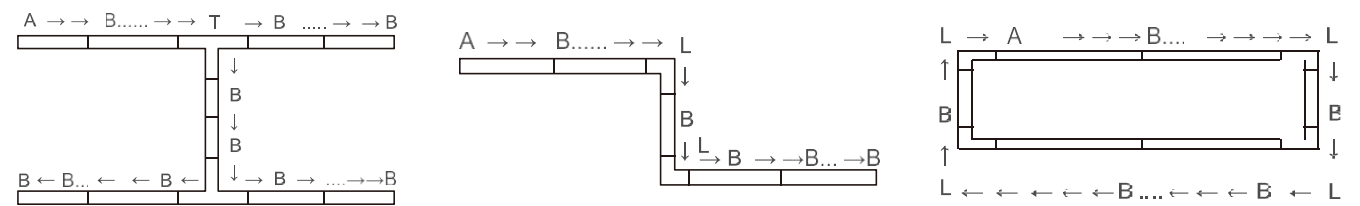


Photoelectric

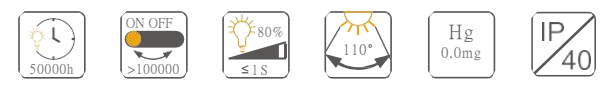
Model Number	Dimension	Power	Input	Luminous Efficiency	Lumens	Ra LED	Color Temperature	Beam Angle
HL-TPB120A-50W	1185*41*68mm	50W	200-240V	90LM/W	4500LM	80 2835	3000K/4000K/5000K/5700K	35°/60°/97°/2*20°
HL-TPB150A-60W	1480*41*68mm	60W	200-240V	90LM/W	5400LM	80 2835	3000K/4000K/5000K/5700K	35°/60°/97°/2*20°
HL-TPB120B-50W	1185*41*68mm	50W	200-240V	90LM/W	4500LM	80 2835	3000K/4000K/5000K/5700K	35°/60°/97°/2*20°
HL-TPB150B-60W	1480*41*68mm	60W	200-240V	90LM/W	5400LM	80 2835	3000K/4000K/5000K/5700K	35°/60°/97°/2*20°
HL-TPB4643L-30W	463*439*68mm	30W	200-240V	90LM/W	2700LM	80 2835	3000K/4000K/5000K/5700K	35°/60°/97°/2*20°
HL-TPB5646T-30W	567*463*68mm	30W	200-240V	90LM/W	2700LM	80 2835	3000K/4000K/5000K/5700K	35°/60°/97°/2*20°
HL-TPB5654+-30W	560*540*68mm	30W	200-240V	90LM/W	2700LM	80 2835	3000K/4000K/5000K/5700K	35°/60°/97°/2*20°

*Specifications using 5700K and subject to change. All parameters +/- 10%.
 *The total lumen for UGR products will be lower 8% than normal products.
 *Available 3W on a per project basis.

Common Link Solution



Linear Light TPD Series



Description

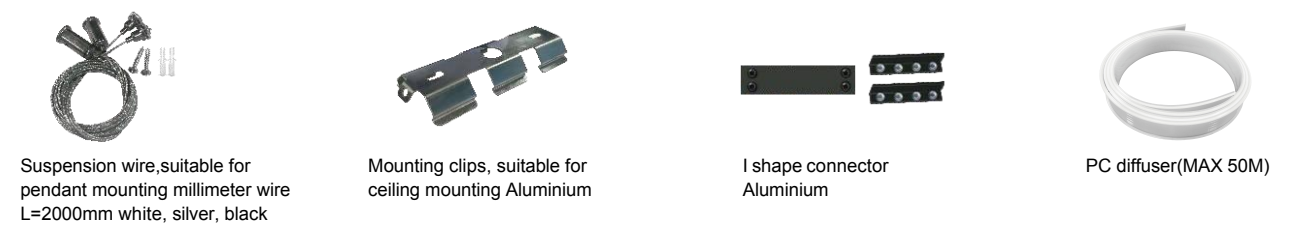
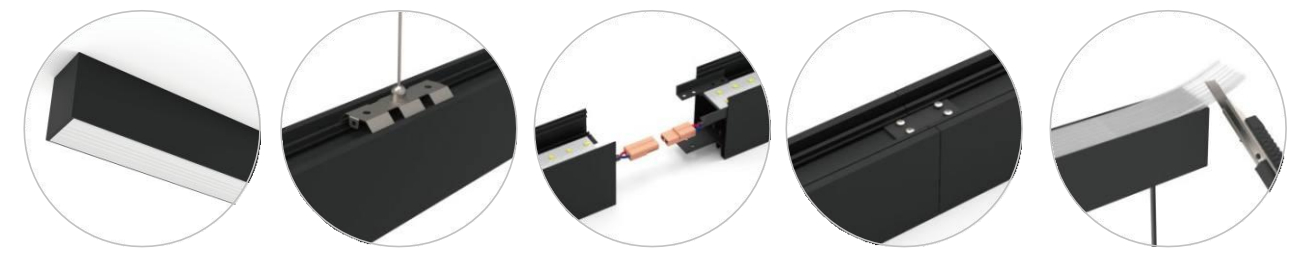
- Seamless connection, power up to 2200W.
- Multiple combinations, Easy handle and tool-free.
- Black or white or Grey housing options.
- High-tech optical design with maximum efficiency.
- Aluminum made, with excellent heat-dissipation.
- Surface painting spray, anti-corrosion, anti-rust, elegant and durable.
- No UV, No lead, No Mercury.
- Energy-saving, long lifespan, easy installation.
- CRI>80, SDCM<5.



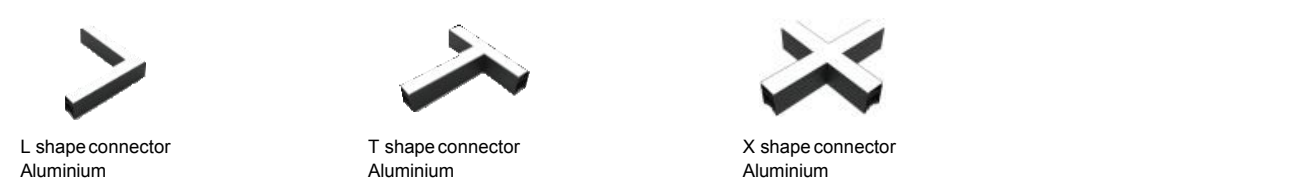
Photoelectric

Model Number	Dimension	Power	Electric Current	Input	Luminous Efficiency	Lumens Output	Ra	Driver
HL-TPD120A-40W	1200*50*70mm	40W	1000mA	AC200-240V	120LM/W	4800LM	80	OSRAM / LiFud
HL-TPD150A-50W	1500*50*70mm	50W	1250mA	AC200-240V	120LM/W	6000LM	80	OSRAM / LiFud
HL-TPD120B-40W	1200*50*70mm	40W	1000mA	AC200-240V	120LM/W	4800LM	80	OSRAM / LiFud
HL-TPD150B-50W	1500*50*70mm	50W	1250mA	AC200-240V	120LM/W	6000LM	80	OSRAM / LiFud
HL-TPD1616L-10W	165*165*70mm	10W	250mA	AC200-240V	120LM/W	1200LM	80	OSRAM / LiFud
HL-TPD3116T-15W	310*165*70mm	15W	380mA	AC200-240V	120LM/W	1800LM	80	OSRAM / LiFud
HL-TPD3131X-20W	310*310*70mm	20W	500mA	AC200-240V	120LM/W	2400LM	80	OSRAM / LiFud

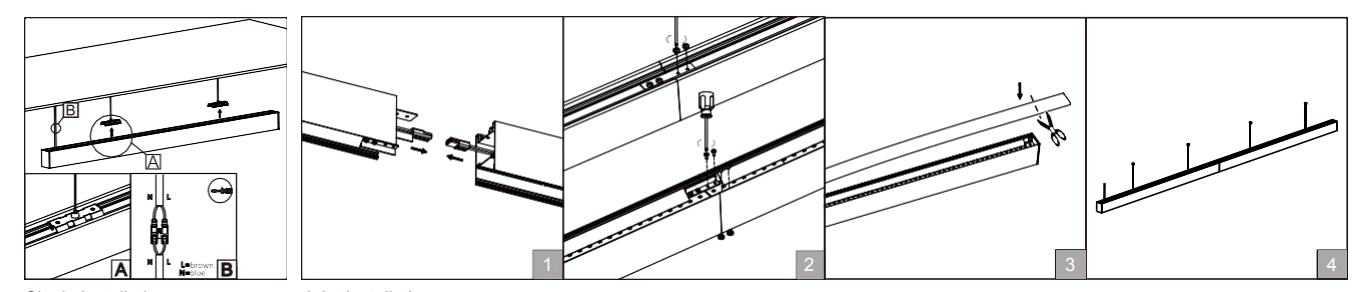
Attachment



Suspension wire, suitable for pendant mounting millimeter wire L=2000mm white, silver, black
 Mounting clips, suitable for ceiling mounting Aluminium
 I shape connector Aluminium
 PC diffuser (MAX 50M)



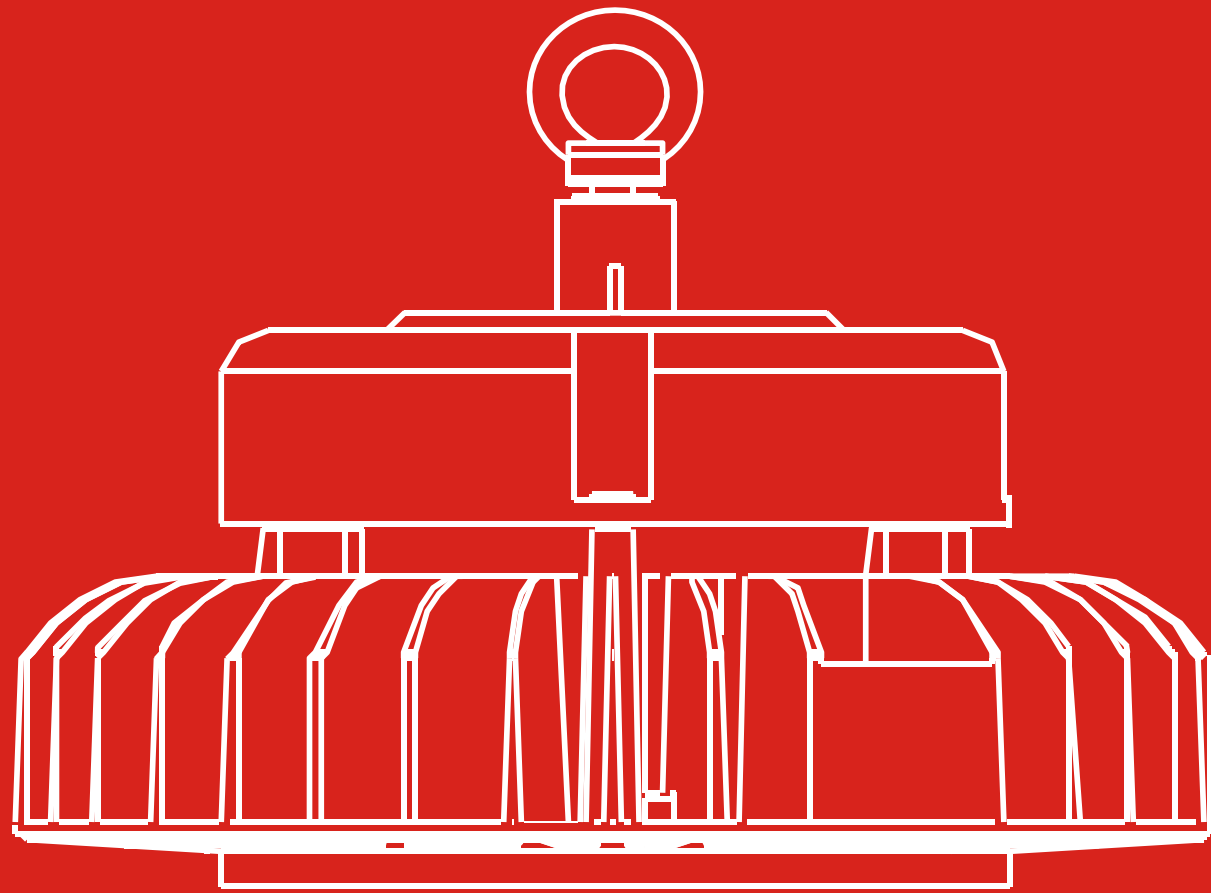
L shape connector Aluminium
 T shape connector Aluminium
 X shape connector Aluminium



Single installation Joint installation

Edge-Lit Panel Light
 Back-Lit Panel Light
 Up and down Panel Light
 Ceiling light
 Downlight
 Linear Light
 Office Light
 UFO High Bay Light
 LED Flood Light

UFO High Bay Light



UFO High Bay Light



100° Dome Style
Frosted Lens



60°/90°
PC Lens



120°
Glass Lens



Description

- Die-casting aluminium technology, unique heat sink design, beautiful appearance.
- Light weight, compact structure, easy installation.
- Wide angle and wide range of illumination.
- Anti-glare UGR at 60/90 degrees of lens.
- High efficiency 150lm/w and Ra>80
- Light does not contain ultraviolet and infrared rays, no light radiation.
- Input voltage AC100-277V (or AC200-480V optional).



75°
PC Reflector

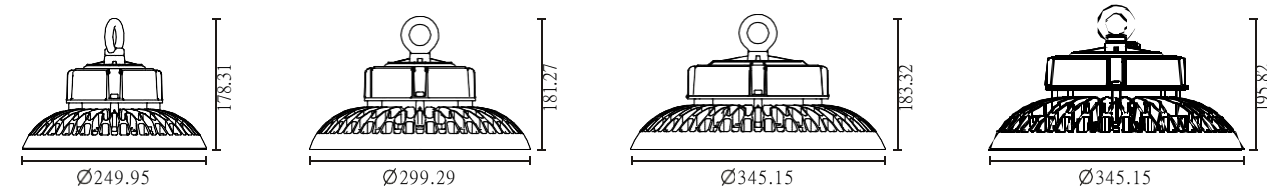


Bracke

Photoelectric

Model Number	Dimension	Power	Electric Current	Input	Luminous Efficiency	Lumens Output	Ra	UGR	IP Level
HL-MXHB100	Ø 249.6*178.3mm	100W	Max2200mA	AC200-240V	150LM/W	15000LM	80	<19	IP65
HL-MXHB100-DA	Ø 249.6*178.3mm	100W	Max2200mA	AC200-240V	150LM/W	15000LM	80	<19	IP65
HL-MXHB150	Ø 299.3*181.3mm	150W	Max3300mA	AC200-240V	150LM/W	22500LM	80	<19	IP65
HL-MXHB150-D A	Ø 299.3*181.3mm	150W	Max3300mA	AC200-240V	150LM/W	22500LM	80	<19	IP65
HL-MXHB200	Ø 345.2*183.3mm	200W	Max4400mA	AC200-240V	150LM/W	30000LM	80	<19	IP65
HL-MXHB200-DA	Ø 345.2*183.3mm	200W	Max4400mA	AC200-240V	150LM/W	30000LM	80	<19	IP65
HL-MXHB240	Ø 345.2*196.5mm	240W	Max5300mA	AC200-240V	150LM/W	36000LM	80	<19	IP65
HL-MXHB240-DA	Ø 345.2*196.5mm	240W	Max5300mA	AC200-240V	150LM/W	36000LM	80	<19	IP65

Dimension



Electrical Driver/Meanwell

Input	AC100-277V
Frequency	50/60Hz
Relevant	En55015 En550221 IEC61347-1
Power Factor	>0.95
THD	<20%
Power Efficiency	>90%
Protection	Surge Short Circuit Over Voltage Over Current Over Temp
MTBF	Minimum MTBF 50,000 hours at 100% load & 40°C



UFO High Bay Light

**160
LM/W**



75° PC Reflector



75° Aluminum Reflector



PC Reflector



Description

- Die-casting aluminium technology, unique heat sink design, beautiful appearance.
- Light weight, compact structure, easy installation.
- Wide angle and wide range of illumination.
- Anti-glare UGR at 60/90 degrees of lens.
- High efficiency 150lm/w and Ra>80
- Light does not contain ultraviolet and infrared rays, no light radiation.
- Input voltage AC100-277V (or AC200-480V optional).



75° PC Reflector

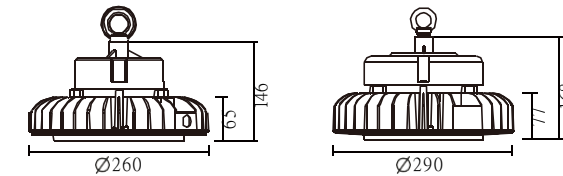


Aluminum Reflector

Photoelectric

Model Number	Dimension	Power	Electric Current	Input	Luminous Efficiency	Lumens Output	Ra	IP Level
HL-MXHB100(CH)	Ø260*146mm	100W	Max2200mA	AC200-240V	150LM/W	15000LM	80	IP65
HL-MXHB150(CH)	Ø260*146mm	150W	Max3300mA	AC200-240V	150LM/W	22500LM	80	IP65
HL-MXHB200(CH)	Ø 290*168mm	200W	Max4400mA	AC200-240V	150LM/W	30000LM	80	IP65
HL-MXHB240(CH)	Ø 290*168mm	240W	Max5300mA	AC200-240V	150LM/W	36000LM	80	IP65

Dimension



Installation

1

Screw the circular ring tightly

2

Hang the safety chain on the hook

3

Lock circular ring to the safety chain carefully

4

L-Brown N-Blue ⊕GreenYellow
Then light up the lamp

Note:

① AC 100-277V
Cable

L Brown
N Blue
⊕ Green / Yellow

Warning

- Please make sure the power off before operation

1

For Reference

2

Drill holes according to the outlet on the canopy light

3

Tight the nuts to expansion screws
Double check of all drilled holes are right position as canopy outlet before mounted.
Use a hammer to hit expansion screws tightly to ceiling, make sure it's not loose.

4

L-Brown N-Blue ⊕GreenYellow
Then light up the lamp

Note:

① AC 100-277V
Cable

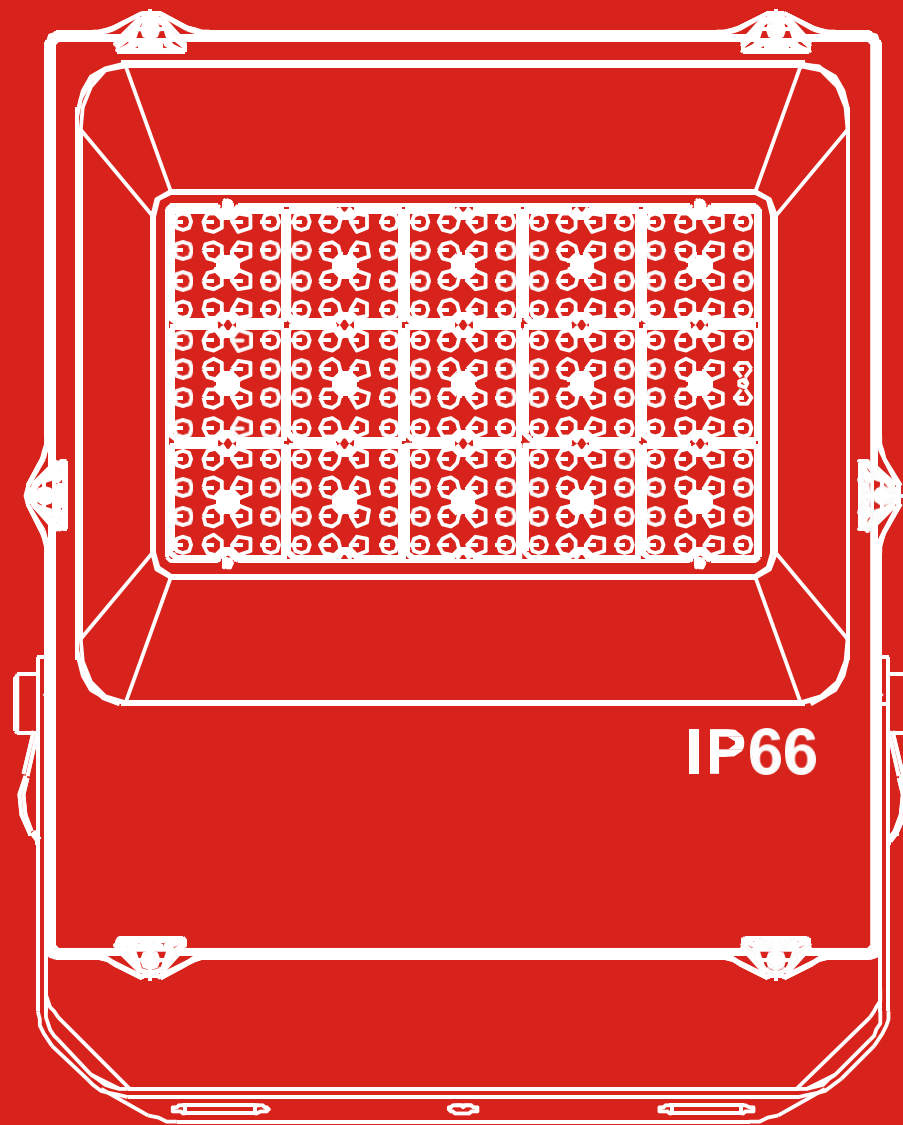
L Brown
N Blue
⊕ Green / Yellow

Warning

- Please make sure the power off before operation

Edge-Lit Panel Light
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Ceiling light
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LED Flood Light

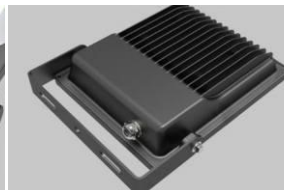
LED Flood Light



IP66



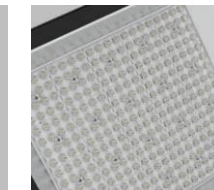
Bracket



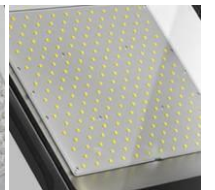
Heat sink



Clip



With lens:
30°/60°/90°/
Type I /II/III/IV/V



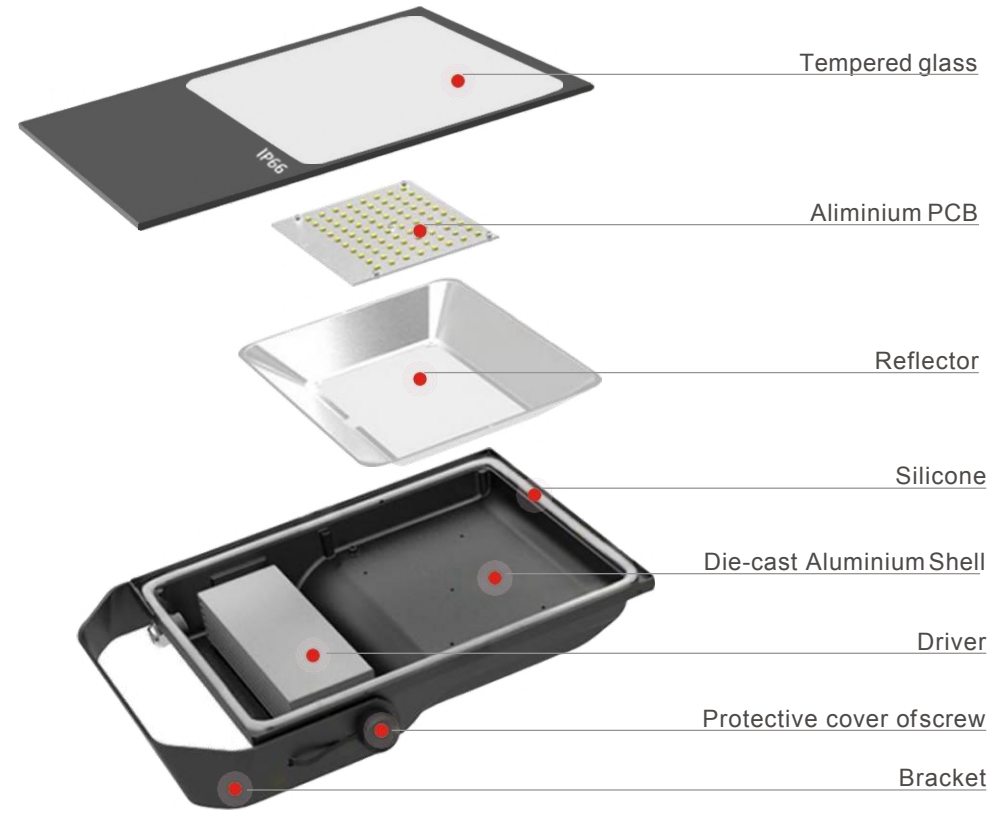
With lens:120°



Description

- Made by precision aerospace aluminum, with great heat dissipation
- The principle of strong air convection design, good thermal conductivity
- High-tech spraying technology, the housing would never get rusty and corrosion
- Light weight, compact structure, easy installation
- Energy-saving, long lifespan
- High efficiency 140lm/w and Ra > 80
- Input Voltage AC200-240V (AC100-277V optional)

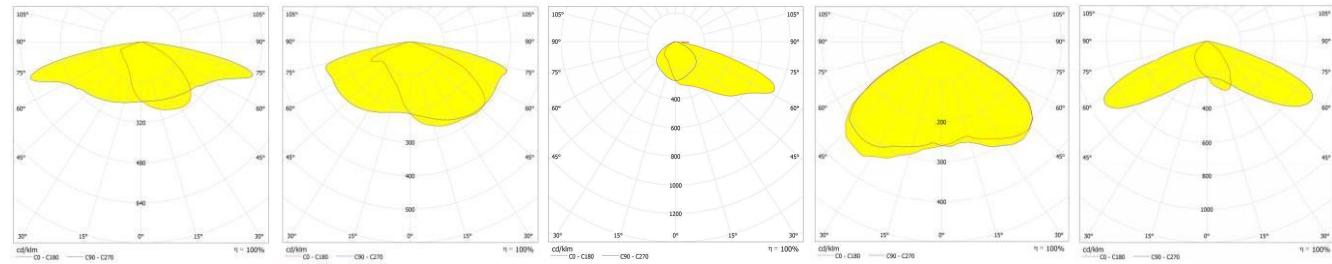
LED FloodLight



New products continue to be released...

Photoelectric

Model Number	Dimension	Power	Input	Luminous Efficiency	Lumens	Ra	Beam Angle
HL-FLA55	320.5*239*53mm	55W	AC200-240V	140LM/W	7700LM	80	30°/60°/90°/120°/Type I / II / III / IV / V
HL-FLA100	413.5*315*63mm	100W	AC200-240V	140LM/W	14000LM	80	30°/60°/90°/120°/Type I / II / III / IV / V
HL-FLA150	440.5*349*63mm	150W	AC200-240V	140LM/W	21000LM	80	30°/60°/90°/120°/Type I / II / III / IV / V
HLFLA200	480.5*379*63mm	200W	AC200-240V	140LM/W	28000LM	80	30°/60°/90°/120°/Type I / II / III / IV / V
HL-FLA240	574.5*418*63mm	240W	AC200-240V	140LM/W	33600LM	80	30°/60°/90°/120°/Type I / II / III / IV / V



Installation

