

LED PANEL LIGHTS



Features

- CE Standard, with isolated external power supply
- Driver with : PF>0.95, Power Efficiency >0.90, Non Flickering
- LGP 4mm thick
- 5 years warranty
- High efficiency: up to 120lm/w
- LOW UGR <19
- 4014/2835 SMD LED, Ra>80
- Both dimmable & non-dimmable are available
- Energy-saving & Super bright , saving 75% energy compared with traditional panel lights
- CERTIFICATIONS: CE, EMC, LVD, RoHS
- TEST REPORTS AVAILABLE

Technical Specification

Power supply: With External Constant Current Power Supply

Input Voltage: AC100V~240V

Frequency Range: 50Hz~60Hz

Total Harmonic Distortion: $\leq 15\%$

Power Factor: >0.95

Power Efficiency: $>90\%$

LED Type: SMD Jufei 4014 / Epistar 2835/Lumileds

Color Temperature: 3000K,4000K,5000K,6000K

Color Rendering Index: $Ra > 80$

Beam Angle: 120°

Working Temperature: $-20^\circ\text{C} \sim +45^\circ\text{C}$

Storage Temperature: $-25^\circ\text{C} \sim +65^\circ\text{C}$

IP Grade: IP20, IP40

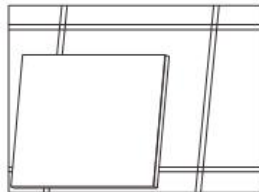
Working Life-span:
 $>50,000\text{H}$

| Item | Power | Input Voltage | Lumens (lm) | SMD 2835 LED Qty | Size(mm) | Efficiency on the Luminaires | Output voltage | Current (mA) | CCT |
|------------|-------|---------------|-------------|------------------|-----------|------------------------------|----------------|--------------|---------------------|
| PSP-66-30W | 30W | AC100-240V | >3100 | 160 | 595*595*9 | $>100\text{lm/W}$ | 32-42VDC | 680mA | 3000K, 4000K, 5000K |
| PSP-66-32W | 32W | AC100-240V | >3300 | 176 | 595*595*9 | $>100\text{lm/W}$ | 32-42VDC | 780mA | 3000K, 4000K, 5000K |
| PSP-66-36W | 36W | AC100-240V | >3750 | 192 | 595*595*9 | $>100\text{lm/W}$ | 32-42VDC | 900mA | 3000K, 4000K, 5000K |
| PSP-66-40W | 40W | AC100-240V | >4200 | 208 | 595*595*9 | $>100\text{lm/W}$ | 32-42VDC | 985mA | 3000K, 4000K, 5000K |

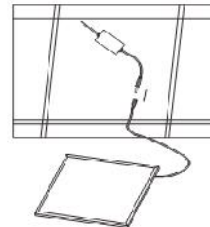
Installation:

A. Embedded Installation:

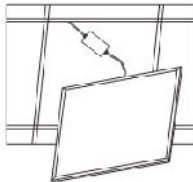
1. move away ceiling plaster slab



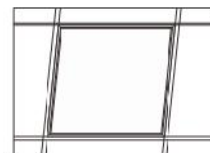
2. Connect the wire



3. Place the panel light to suitable place

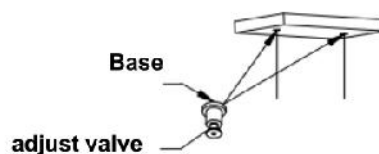


4. Put panel light steadily



B. Hanging on ceiling

1. Fix the base in two holes of ceiling, then make the wire rope put into the regulating valve seat and precess into base

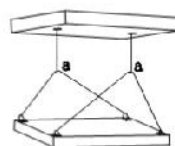


2. Use the screw to fix the triangle buckles on the back cover of LED Panel

four hooks here



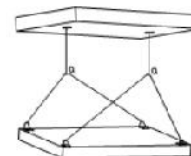
3. Put the hook into buckle ring and adjust the hanging line position to sure



Core
Cylinder
Spring
Plug

"a "means the parts used

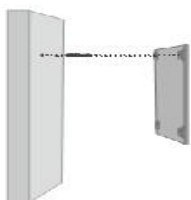
4. Finished the installation ,can pull the base rope to adjust the height of the LED panel



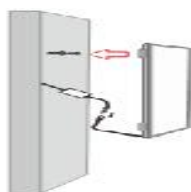
"a " component assembly sequence 1.Put the rope into the cylinder tank. Plug is screwed ,then tighten steel rope. 2.Make the core shaft and spring into cylinde, penetrate the rope from the cylinder hole.Pull the rope to theelliptic position directly can adjust the rope length by core shaft.

C. Hanging on the wall

1. Fix screws into the hole



2. hanging the panel into the screws and connect the power supply

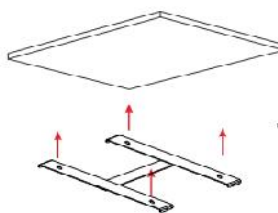


3. it can be used

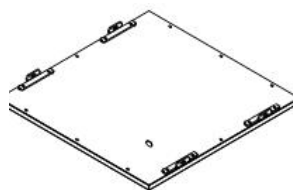


D. SMT installation:

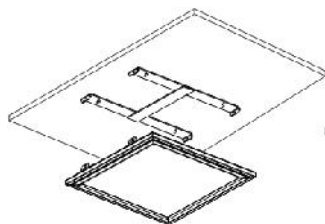
1. Fix the panel bracket on the ceiling



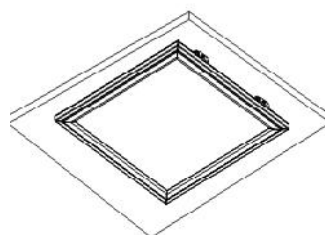
2. Install hanging accessories on the panel light



3. install the panel light on the bracket



4. connect the power wire, then can be used



Application:

- Replacement for conventional panel lights :
- Hotels / Meeting Rooms
- Factories / Offices / Car parks / Schools
- Hospitals / Supermarkets / Railway Stations & Airports



LED DOWNLIGHT



PSDQ-15/18/22/24/30

LED downlight SMD**2835** AC185-264V 15-30w

Features:

1. Using Hi-quality, Hi-brightness, CRI>80 SMD2835 LED source, high efficiency and energy-saving, free from glare and flicker, and has average luminous surface.
2. Adopting lampshade materials with more than 90% light transmittance, and aluminum alloy of high thermal conduction as lamp shell.
3. Long-lifespan on average over 50 thousand hours is more than 10 times of traditional lamps.
4. Large adaptation of voltage, can be used in AC185-264V.
5. No noise and flicker during working time.
6. Anti-shock, and easy installation.
7. Decrease the maintenance fee, can be used for a long time without changing for new one.

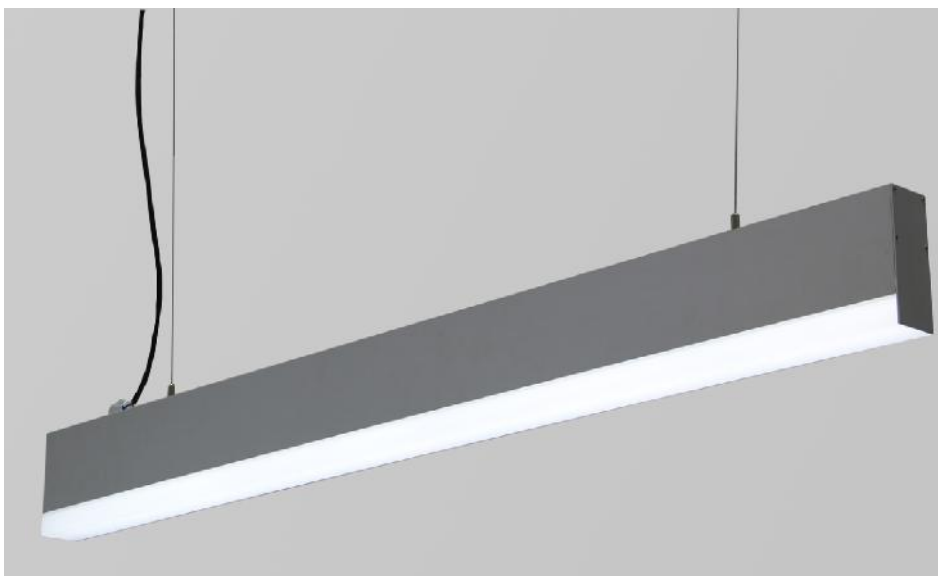
SPECIFICATIONS

| Item | Power | Input Voltage | Lumens (lm) | SMD 2835 LED Qty | Size(mm) | Efficiency on the Luminaires | Output voltage | CCT |
|------|-------|---------------|-------------|------------------|----------|------------------------------|----------------|---------------------|
| PSDQ | 15W | AC100-240V | >1500 | 80 | 19-21cm | >100lm/W | 32-42VDC | 3000K, 4000K, 5000K |
| PSDQ | 18W | AC100-240V | >1800 | 100 | 19-21cm | >100lm/W | 32-42VDC | 3000K, 4000K, 5000K |
| PSDQ | 22W | AC100-240V | >2200 | 120 | 19-23cm | >100lm/W | 32-42VDC | 3000K, 4000K, 5000K |
| PSDQ | 24W | AC100-240V | >2400 | 120 | 19-23cm | >100lm/W | 32-42VDC | 3000K, 4000K, 5000K |
| PSDQ | 30W | AC100-240V | >3000 | 140 | 19-23cm | >100lm/W | 32-42VDC | 3000K, 4000K, 5000K |

Application



LINEAR LED LIGHTS



- **Freedom Design :**

The design of LED Linear Light breaks through the limitations of traditional lighting design, the length of extrusion profiles can be cut table according your request, even infinite connection for each other. Let everyone enjoy the freedom of design.

- **Easier Installation**

Based on the modular design, the installation of LED linear light is diversified such as wall mounted, ceiling mounted, recessed or wire suspended according your application, the installation can be completed more quickly by this design

- **More Various Application**

Unlike the application of LED strip or LED tube light, a variety of application environments with good adaptability through the perfect combination of aluminum and LED light source. While providing a variety of joint accessories, the spatial structure has demonstrated a perfect compatibility in different areas.

- **More fashion modeling**

Different from the complex, luxurious European lighting style, using LED linear lighting system to cut the space for a variety of simple geometric shapes, opened a fresh, elegant stylish lighting new field, will become the new trend in recent years.

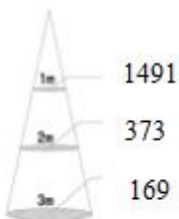
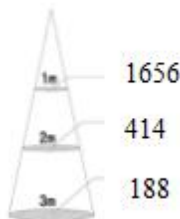
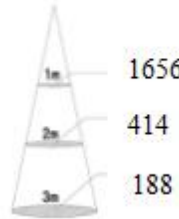
Application

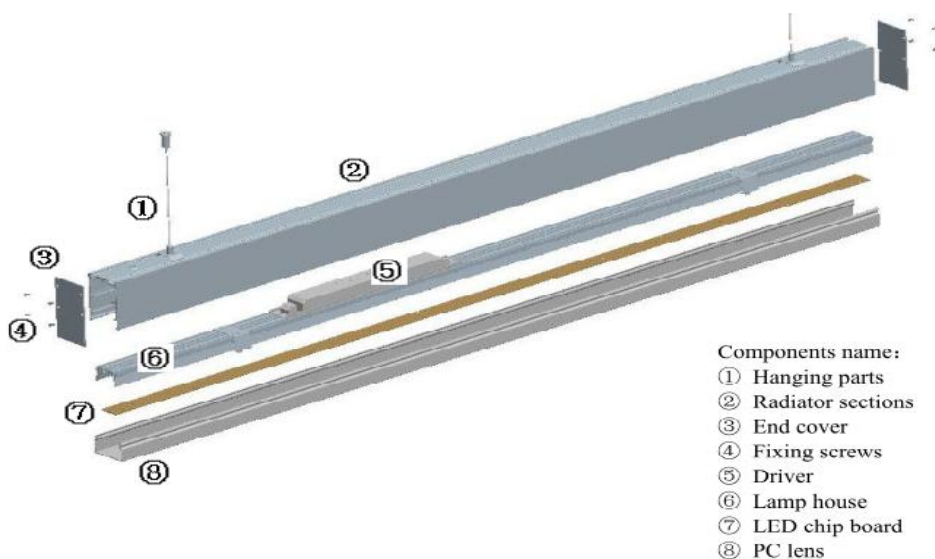
Shopping centers, supermarkets, offices, commercial showrooms and conference rooms with its contemporary design and rugged aluminum housing



| | |
|---------------|-----------------|
| Power(W) | 30-80W |
| Voltage(V) | 100-240V |
| Frequency(HZ) | 50/60 HZ |
| Power Factor | >0.90 |
| LED Type | Weixinxing 2835 |
| Beam Angle | 110° |
| Life Span | >50000 |
| Working Temp | -20°C ~ 50°C |
| Storage Tempt | -25°C ~ 60°C |
| IP Rank | IP 40 |
| Length | 1200-1500 mm |

Optical Parameters

| | | | |
|--------------|---|---|---|
| VD-LM | WW(K) : 2800-3500K | NW(K)4000-4500K | PW(K):5000-5500K |
| | Lumen (Lm) : 3580-4800±5% | Lumen (Lm) : 4000-5500±5% | Lumen (Lm) : 4250-6300±5% |
| | (CRI) : >80 | (CRI) : >80 | (CRI) : >80 |
| | luminous efficacy (Lm/W) : 106±5% | luminous efficacy (Lm/W) : 110±5% | luminous efficacy (Lm/W) : 115±5% |
| | Illuminance diagram | Illuminance diagram | Illuminance diagram |
| |  |  |  |



LED TRIPROOF LIGHT

UP TO 155LM/W



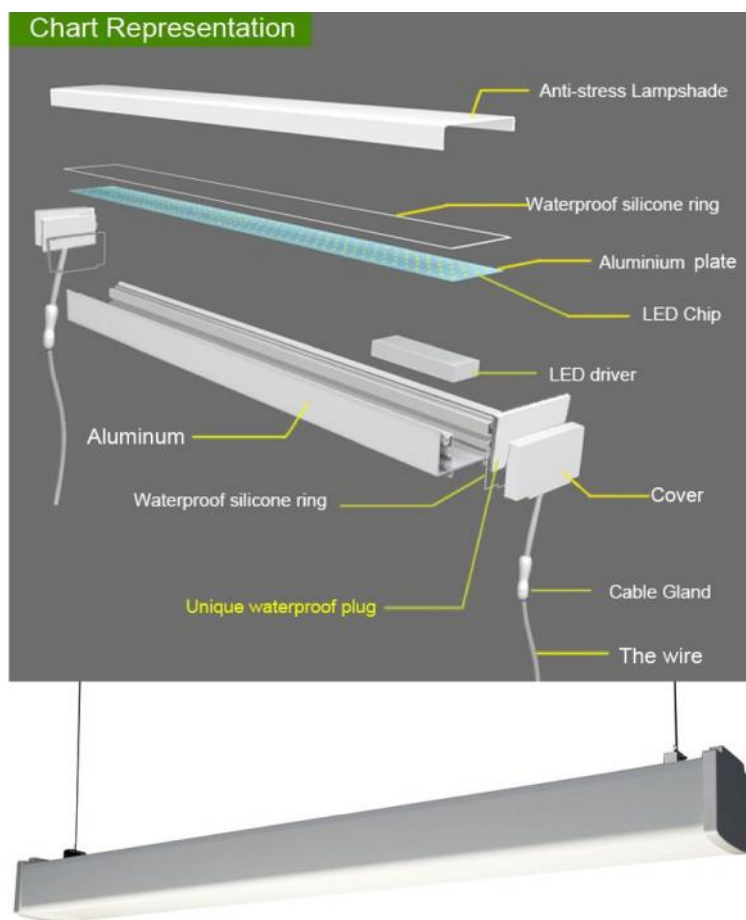
Tri-proof light is stronger in corrosion resistance, more dust, rain, industrial lighting requirements.

IP65 waterproof test

Features:

1. Bridge, building, subway station, gas station, factory, parking garage, basement, supermarket, hospital, office, hotel, tunnel etc.
2. IP65 water-proof , Stress test, Dust-proof
3. Aluminum cooling efficiency + PC lampshade high light transmittance.
4. 20W/30W/40W/50W/60W
5. Ceiling installation and Suspension mounted.
6. ISO 9001, CE, ROHS, IP65 and IES certificate

| Power | Dimensions (mm) | LED Qty (SMD2835) | CRI | Power Factor | Luminous Efficiency | Luminous Flux(LM) | Operation Temp. |
|----------|-----------------|-------------------|-----|--------------|---------------------|-------------------|-----------------|
| 0.6M-20W | 600x91x74 | 120 pcs | >80 | >0.95 | 95-155lm/w | 1900-3000lm | -40°~+70° |
| 0.6M-30W | 600x91x74 | 180 pcs | >80 | >0.95 | 95-155lm/w | 2850-4500lm | -40°~+70° |
| 1.2M-40W | 1200x91x74 | 240 pcs | >80 | >0.95 | 95-155lm/w | 3800-6000lm | -40°~+70° |
| 1.2M-50W | 1200x91x74 | 288 pcs | >80 | >0.95 | 95-155lm/w | 4750-7500lm | -40°~+70° |
| 1.5M-50W | 1500x91x74 | 288 pcs | >80 | >0.95 | 95-155lm/w | 4750-7500lm | -40°~+70° |
| 1.5M-60W | 1500x91x74 | 336 pcs | >80 | >0.95 | 95-155lm/w | 5700-9000lm | -40°~+70° |



Bridge, building, subway station, gas station, factory, parking garage, basement, supermarket, hospital, office, hotel, tunnel etc.



LED HIGH BAY

CSH-100W-240w > 120 lm/W



| | |
|-------------------------------|-------------------------------------|
| POWER¹ | 100W-240w |
| Input Voltage | AC 100-277V (ERP REPORT) |
| Led Quantity | 124- pcs Luminous Efficiency |
| PF | >0.95 |
| CCT¹ | 3000K-6000K |
| CRI | >Ra 75 |
| CHIP | Nichia 3030/757 |
| Driver | MEANWELL HLG-120H/260-36 |
| Beam Angle¹ | 120° |
| Dimensions | 410 x 155mm |
| Lifespan² | >50.000h |
| Material | Aluminum alloy + PMMA |
| IP Rate | IP44/65 |
| Net Weight | 3.5-6.5 kgr |
| Warranty | 5 years |

Notes

1. Goniophotometers test report & Photometric test report from **EVERFINE**
2. IESNA LM-80

LED T5 TUBE

UP TO **155lm/w**



Our LED tubes are made up with super brightness SMD LEDs, T5 specs, inner high efficiency constant current driver, with less degradation and 50,000 hours lifespan, replacing T5 fluorescent lamp, brighter than fluorescent lamp, better than most similar product.

Features of the Products:

- Energy saving up to 60%. high intensity;
- Good light quality and good heat dissipation;
- Instant start, no flickering, no humming;
- High efficiency (>88%), PF>0.9, constant current driver with heat protection system;
- can work under unstable voltage;
- Special circuit design, each LED work separately, avoiding the single broken LED influence problem;
- Electric wave resistant;
- No fluorescent flickering;
- No hazard of mercury or lead entering the environment;
- No RF interference;

Applications:

- Hotels
- Conference / Meeting rooms
- Factories & Offices
- Commercial Complexes
- Residential / Institution Buildings
- Schools, Colleges & Universities
- Hospitals
- Places where need energy saving and high color rendering index lighting

SPECIFICATIONS

| | | | | | | |
|---------------------|---------|--|-------------------|--------------------|---------------------|-------------------|
| Item | Symbol | L549*D22 mm | L849*D22mm | L1149*D22mm | L1449* D22 mm / 5FT | |
| Rated Power | W | 8w | 12w | 15w | 20w | 30w |
| Product code | / | PST5-0608 | PST5-0912 | PST5-1215 | PST5-1520 | PST5-1530 |
| LED Qty | pcs | 64pcs smd2835 | 96 pcs smd2835 | 128 pcs smd2835 | 160 pcs smd2835 | 240pcs smd2835 |
| Luminous Flux | Frosted | 1200 Lm | 1820 Lm | 2210Lm | 3050Lm | 4480 Lm |
| | Clear | 1240 Lm | 1910 Lm | 2320Lm | 3150 Lm | 4520 Lm |
| Lumen Efficiency | Lm/w | 152Lm/w for milky cover & 156Lm/w for clear cover | | | | |
| Color Index | Ra | Ra>80 | | | | |
| Power Factor | PF | PF>0.9 | | PF>0.95 | | |
| CCT | K | 3000K/4000K/6000K | | | | |
| LED Current | mA | Typ:55mA | | | | |
| Input Voltage | V | AC 90-265V | | | | |
| Beam angle | Degree | Clear cover: 120° degree / milky cover:130° degree | | | | |
| Warranty | Years | 5 years | | | | |



TRACK LIGHTS

32W 3200LM SMARTER OVERHEAD TRACK LIGHTING



FEATURES:

- Available in modularized and customizable design utilizing interchangeable and removable components of optics, light engines, led drivers, adaptors and lens.
- Offering desired quality lighting with great savings with an outstanding luminous efficacy of up to 120lm/W
- Illuminating objects with clear and vivid appeal due to high color rendering index of up to 98
- Offered at 2700K/3000K/3500K/4000K/5000K
- Supplied with movable and interchangeable optics of 15°,24°,38°,60° for producing differentiated lighting distributions based on various applications
- Ceiling-mounted, pendant, wall-mounted or track-mounted contemporary LED track lighting
- Triac Dimming range 10-100%
- Extending compatibility with Juno,Halo, Lightolier, and GLOBAL(Htek:277V, Tek:120V) track system
- Finish: White, black, silver.
- Extrusion pure aluminum heat sink
- CE/ROHS/Energy Star/DLC/ETL certified

SPECIFICATION:

| | |
|---------------|--|
| Product Name | 32W 3200M Smarter track LED light fixtures |
| Input voltage | 220-240V |
| Power | 32W |
| Power factor | >0.95 |
| Dimmable | Triac(Trailing and Leading) |
| Lumen Flux | 3200LM |
| Beam Angle | 15°,24°,38°,60° |
| CCT Optial | 2700K/3000K/3500K//4000K/5000K |
| CRI Optial | CRI82(CRI 98 is available) |
| Dimension | 100x60x120 |
| Finish | Black/White/Silver |

22W 740LM ZOOM WATER-DROP PLUS TRACK LIGH



FEATURES:

- Adjustable zoom lens from 10° to 40° to the specific needs of different lighting environments.
- Superior energy efficiency of up to 80LM/W, producing less power while providing sufficient illumination.
- Provided with 350 degree rotation and 90 degree tilt, supporting free positioning of light fittings to create the desired lighting effects.
- Triac or DALI dimmable track light, compatible with a wide range of 4wire 3circuit or 6wire 3circuit track systems .
- High CRI 90-95 and BBBL are available
- Come with finishes of black and white colors
- TUV CE, RoHS approved, A+ Energy Efficiency Class

SPECIFICATION:

| | |
|---------------|---------------------------------------|
| Product Name | 22W 740LM Water-drop Plus track light |
| Input voltage | 100-240V |
| Power | 22W |
| Power factor | >0.9 |
| Dimmable | YES |
| Lumen Flux | 740LM |
| Beam Angle | Zoomable(10°-40°) |
| CCT Optial | 2700K/3000K/4000K/5000K |
| CRI Optial | CRI82(CRI 90-95 is available) |
| Dimension | 100x130x183 |
| Finish | Black/White |

40W 3500LM DELIGHT BBBL RA 90 MODERN TRACK LIGHTING



FEATURES:

- Offered with light output of 90lm/W, accessible for delivering the perfect source of high lumens and low energy to high ceiling applications.
- Interchangeable lenses of 10° ,24° ,38° and 60° , allowing for providing diverse and colorful light distributions.
- Offers excellent color index rendering up to 98, leading to visual merchandising in retail and grocery stores.
- The luminaire supports 350 degree rotation plus a 90 degree vertical tilt
- The 4-wire 3-circuit track adaptor is compatible with the systems of Staff,Eutrac,Nordic,Global,Nuco and Ivela.
- Good heat sink of extrusion pure aluminum material, crucial for performance reliability and life expectancy
- Macadam 3SDCM
- A general life expectancy of 50,000hours
- Equipped with passive cooling systems without fans
- UV- and IR-free light

SPECIFICATION:

| | |
|---------------|-----------------------------------|
| Product Name | 40W 3500LM modern LED track light |
| Input voltage | 220-240V |
| Power | 40W |
| Power factor | >0.95 |
| Dimmable | Non-dim |
| Lumen Flux | 3500LM |
| Beam Angle | 10°,24°,38°,60° |
| CCT Optial | 2700K/3000K/4000K/5000K |
| CRI Optial | CRI90(CRI 98 is available) |
| Dimension | 90x162x178 |
| Finish | Black/White/Silver |

OFFERING MULTIPLE LIGHTING SOLUTIONS



Compatible with multiple track systems of
4 wire 3 circuit, 2 wire 1 circuit, one phase



Our 4-wire 3-circuit track adaptor supports
following systems

| | | |
|--------|--------|--------|
| Staff | Eutrac | Nordic |
| Global | Nuco | Ivela |

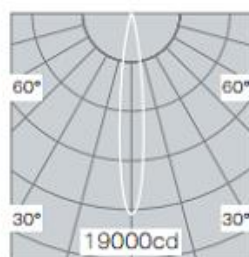
Offering various accessories of
Snoot, Honey comb and lens



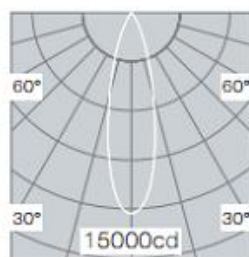
DELIGHT TRACK LIGHT

Extending compatibility of
systems and accessories
to offer diverse lighting
solutions

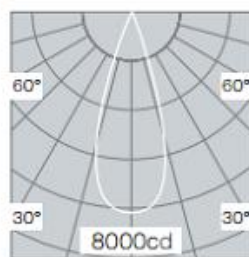
PRESENTED WITH INTERCHANGEABLE OPTICS



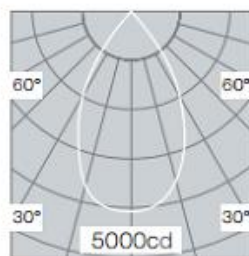
| H(m) | D(m) | Em(lx) | Em(lx) | Em(lx) | Em(lx) | Em(lx) |
|------|------|--------|--------|--------|--------|--------|
| | 10° | 8W | 12.5W | 23W | 30W | 40W |
| 1 | 0.2 | 4717 | 5904 | 12550 | 14627 | 18307 |
| 2 | 0.5 | 1179 | 1476 | 3137 | 3659 | 4576 |
| 3 | 0.8 | 524 | 656 | 1394 | 1625 | 2034 |
| 4 | 1.1 | 294 | 369 | 784 | 914 | 1144 |
| 5 | 1.4 | 188 | 236 | 502 | 585 | 732 |



| H(m) | D(m) | Em(lx) | Em(lx) | Em(lx) | Em(lx) | Em(lx) |
|------|------|--------|--------|--------|--------|--------|
| | 24° | 8W | 12.5W | 23W | 30W | 40W |
| 1 | 0.4 | 2314 | 3489 | 9598 | 11979 | 14886 |
| 2 | 0.8 | 578 | 876 | 2399 | 2994 | 3721 |
| 3 | 1.2 | 257 | 387 | 1066 | 1331 | 1654 |
| 4 | 1.6 | 144 | 218 | 599 | 748 | 930 |
| 5 | 2.1 | 92 | 139 | 383 | 479 | 595 |



| H(m) | D(m) | Em(lx) | Em(lx) | Em(lx) | Em(lx) | Em(lx) |
|------|------|--------|--------|--------|--------|--------|
| | 38° | 8W | 12.5W | 23W | 30W | 40W |
| 1 | 0.6 | 1277 | 2154 | 4816 | 5680 | 7801 |
| 2 | 1.3 | 319 | 538 | 1204 | 1420 | 1950 |
| 3 | 2.0 | 141 | 239 | 535 | 631 | 866 |
| 4 | 2.6 | 80 | 134 | 301 | 355 | 487 |
| 5 | 3.3 | 51 | 86 | 192 | 227 | 312 |



| H(m) | D(m) | Em(lx) | Em(lx) | Em(lx) | Em(lx) | Em(lx) |
|------|------|--------|--------|--------|--------|--------|
| | 60° | 8W | 12.5W | 23W | 30W | 40W |
| 1 | 1.1 | 672 | 1329 | 2456 | 3210 | 4097 |
| 2 | 2.2 | 168 | 332 | 614 | 802 | 1024 |
| 3 | 3.3 | 74 | 147 | 272 | 356 | 455 |
| 4 | 4.4 | 42 | 83 | 153 | 200 | 256 |
| 5 | 5.5 | 27 | 53 | 98 | 128 | 163 |

FAMILY PRODUCTS:



8W Delight track light

12.5W Delight track light

23W Delight track light

30W Delight track light

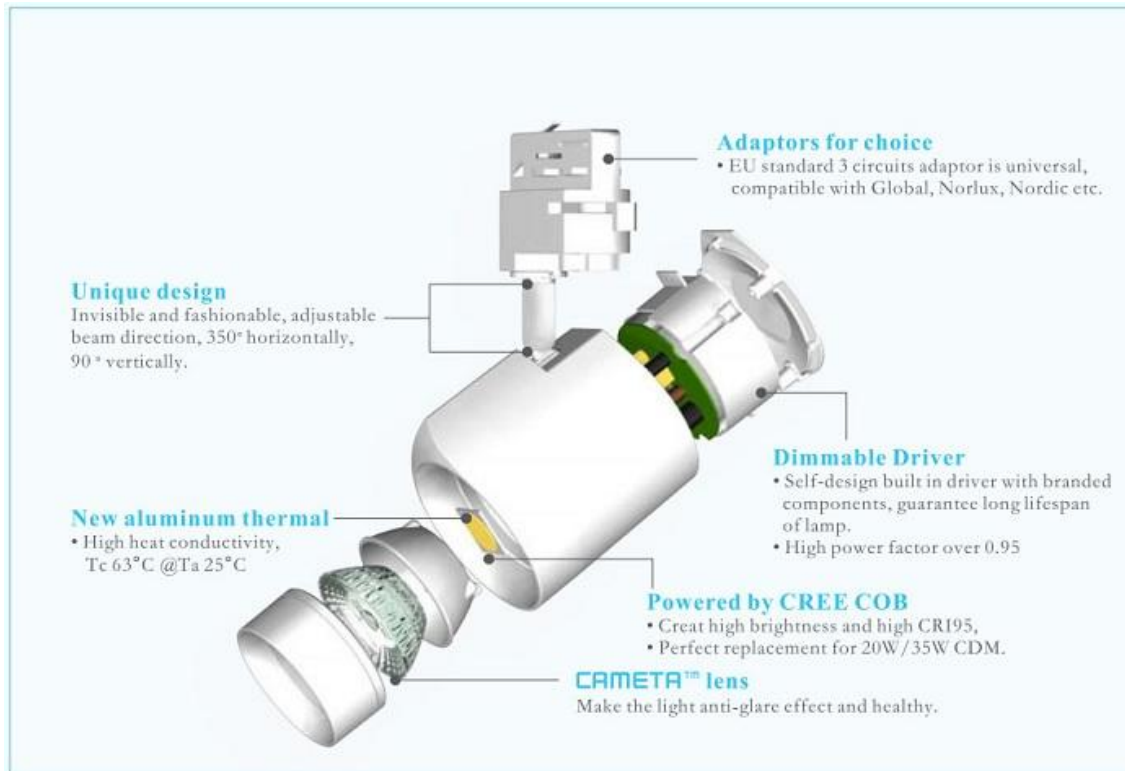
35W 3200LM WATER-DROP PRO DALI TRACK LIGHTS



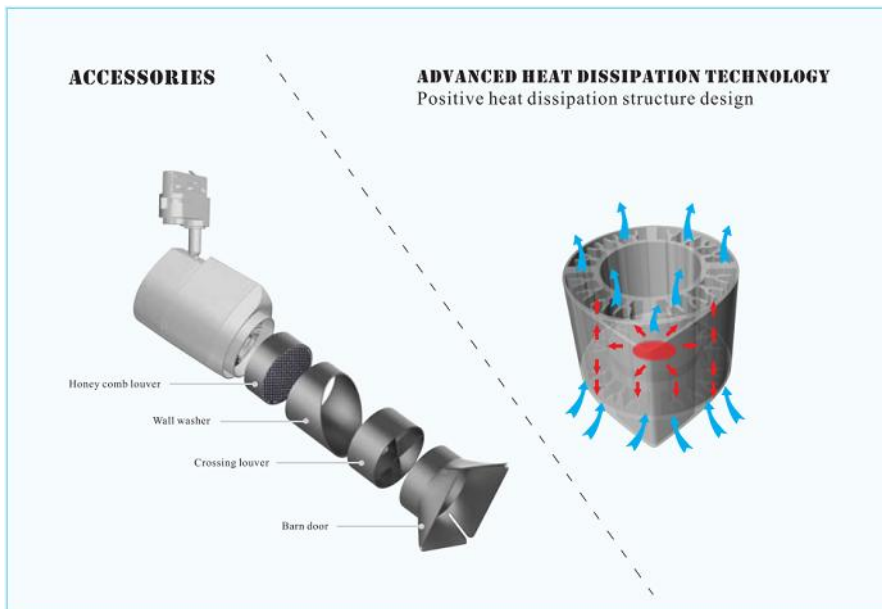
SPECIFICATION:

| | |
|---------------|---|
| Product Name | 35W 3200LM Water-drop pro DALI track lights |
| Input voltage | 220-240V |
| Power | 35W |
| Power factor | >0.9 |
| Dimmable | DALI Dimming |
| Lumen Flux | 3200LM |
| Beam Angle | 24°, 38°,60° |
| CCT Optial | 2700K/3000K/4000K/5000K |
| CRI Optial | CRI82(CRI 90-95 is available) |
| Dimension | 111x141x199 |
| Finish | Black/White/Silver |

DIAGRAM OF WATER-DROP PRO DALI TRACK LIGHT:



EXCELLENT DISSIPATION DESIGN WITH COMPLETE ACCESSORIES



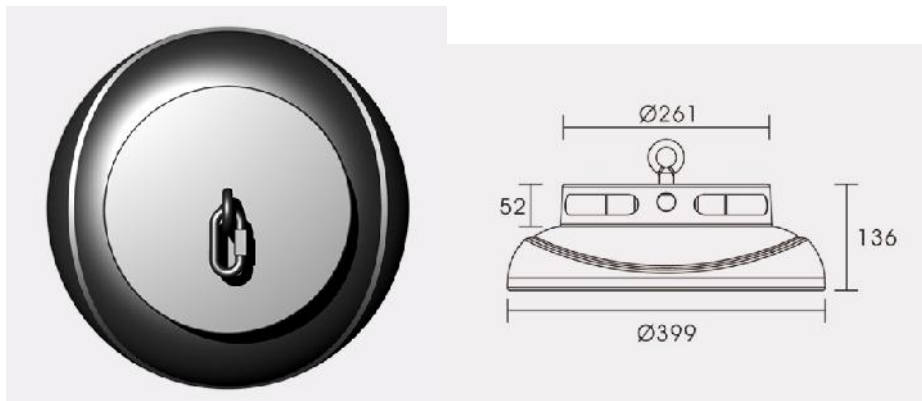
45W 4000LM ROUND TRACK LIGHT



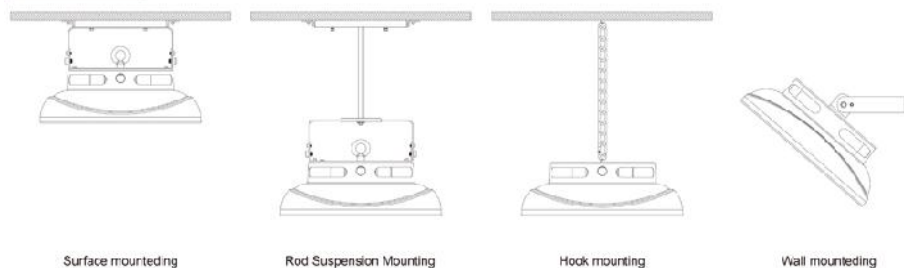
| | |
|---------------|--------------------------------|
| Produce Name | 45W 4000lm ROUND TRACK LIGHT |
| input voltage | 100-240V |
| power | 45W |
| power factor | >0.9 |
| dimmable | NO |
| lumen flux | 4000lm (3000K) |
| beam angle | 24°, 38°, 60°, 90°, 50°x75° |
| CCT Optial | 2700K/3000K/4000K/5000K |
| CRI Optial | CRI82 (CRI90-95 available) |
| size | 185*154*90mm |
| net weight | 1.5KG/pcs (12pcs/ctn 18KG/ctn) |

HIGH BAY LED LIGHTS

125W 16000LM LED HIGH BAY UGR<19, 130LM/W



Installation



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Features

- UGR<19, IP65, IK08
- Up to 130lm/W
- Appearance /Heatsink design /Optics design patented
- 576pcs Samsung 0.5W SMD LED, only drive to 0.28W/ea
- Meanwell Driver, AC100-277V, PF>0.95, MTBF
- 108 high efficient reflectors with shielding angle>26°
- Punching Pure Aluminum(#1070, Thermal Conductivity>220W/m.K)
- Light output very even, with no shadow
- Up to 80W-300W
- Replace up to 250W-1000W Metal Halide fixture

Application

warehouses, factories, supermarkets, boxstores, gym, stadium, Yard, workshop, shipping mall, exhibition, gas station, plaza

| | |
|---------------|-------------------------------------|
| Produce Name | 125W 16000LM ANNULIGHT LED HIGH BAY |
| input voltage | AC180-240V |
| power | 125W |
| power factor | >0.95 |
| dimnable | DALI, 1-10V |
| lumen flux | 16000lm (5000K) |
| beam angle | 110°,80°,60° |
| CCT Optial | 4000K/5000K/5700K/6500K |
| CRI Optial | CRI82 |
| Carton size | 515*515*260mm |
| net weight | 5KG/pcs(1pcs/ctn 5.8KG/ctn) |

DOWNLIGHTS

15W 1200LM ENERGY EFFICIENT LED DOWNLIGHTS



FEATURES:

- Excellent Bat-wing light distribution and UGR19 low glare design to provide uniform and comfortable lighting.
- Over 70% energy saving compared to traditional compact fluorescent downlights
- Excellent energy efficacy of 100LM/W with great energy savings.
- Contemporary design with cut-out size of 146mm-155mm
- Highly efficient heat sink from punching pure aluminum that's crucial for ensuring longer lifetime of luminaires.
- Colour rendering index up to CRI 82+
- Offer a wide selection of color temperatures: 2700K,3000K,3500K, 4000K and 5000K
- low maintenance, flicker-free performance, No UV or IR Radiation.
- Easy installation with quick start up
- Up to 50,000 hours lifetime
- Approved with CE and SAA mark

SPECIFICATION:

| | |
|---------------|---|
| Produce Name | 15W 1200mm 150mm cutout size LED downlights |
| Input Voltage | 220-240V |
| Power | 15W |
| Power Factor | 0.95 |
| Dimmable | Non-dim |
| Lumen Flux | 1200lm |
| Beam Angle | 85° |
| CCT Optial | 2700k/3000k/3500K/4000k/5000k |
| CRI Optial | CRI82 |
| Certificates | CE,ROHS,SAA |
| UGR | 19 |
| Airtight | Yes |
| Cutout(inch) | 146-155mm |
| DxH(inch) | 174mmx146mmx57mm |

19W 150MM CUTOUT MACO MODULAR LED DOWNLIGHTS



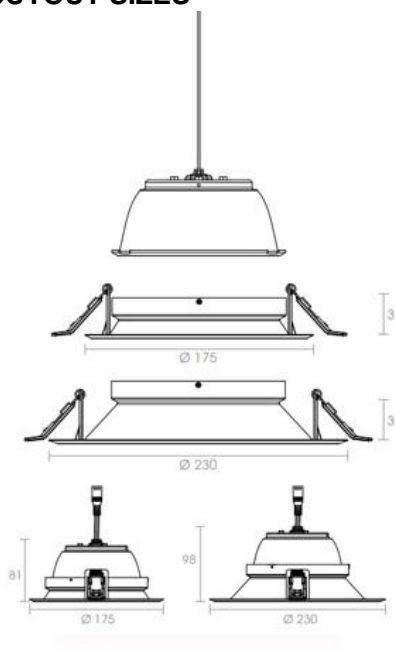
FEATURES:

- Supplied with highly efficient light source of 100LM/W, offering high performance lighting while consuming less energy.
- Available in modularized and detachable design utilizing interchangeable lighting components of led engines, frames and led drivers, etc.
- UGR<19 ceiling LED modular downlights, perfect for visual comfort.
- Easy installation and fast connection
- Beam spread:85° ,maximum s/h(1/2):=1.24
- Pure aluminum heat sink, fulfilling optimal heat dissipation.
- Equipped with passive cooling systems without fans
- UV- and IR-free light
- Lifetime: up to 50,000
- CE,SAA certified
- Finish: matt white

SPECIFICATION:

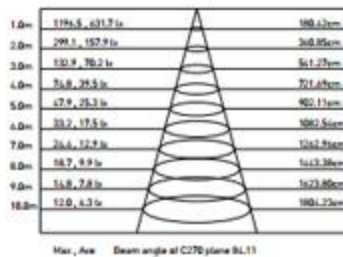
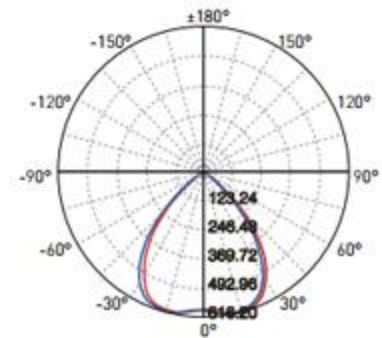
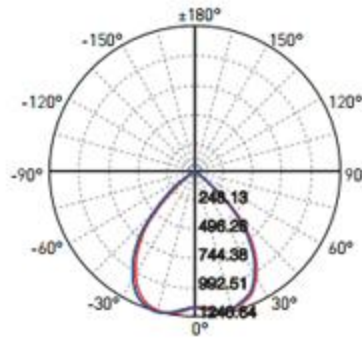
| | |
|---------------|--|
| Produce Name | 19W 150mm 2000lm cutout modular downlights |
| Input Voltage | 220-240V |
| Power | 19W |
| Power Factor | 0.95 |
| Dimmable | Non-dim |
| Lumen Flux | 2000lm |
| Beam Angle | 85° |
| CCT Optial | 2700k/3000k/3500K/4000k/5000k |
| CRI Optial | CRI82 |
| Certificates | CE,ROHS,SAA |
| UGR | 19 |
| Airtight | Yes |
| Cutout(inch) | 145-155mm |
| DxH(inch) | 175mmx150mmx80mm |

SUPPLIED WITH TWO DIFFERENT CUTOUT SIZES

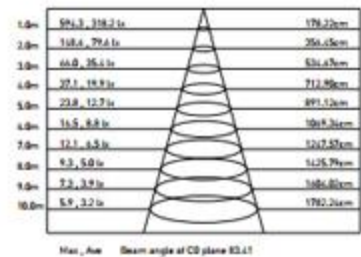


LIGHTING DISTRIBUTION SIMULATION

Light
Distribution
Curve



2000lm



1000lm

FAMILY PRODUCTS:



19W 200MM down lights



11W 150MM down lights



11W 200MM down lights

13W 1050LM MR16 DOWNLIGHT CAMETA + DIMMABLE DRIVER



- Cameta patent lens, Anti-glare design
- CREE COB LED, no shadow, strong penetrability
- High CRI, CRI90-95 available for 2700k, 3000k, and 4000K
- Unique heat sink design
- Dimmable driver, smooth dimming range from 100% to 10%, and compatible with most of the dimmer, such as Jung, Elko, Schneider, Busch, Clipsal etc. Dali dimming system for choice
- High Power Factor over 0.95
- Easy installation
- Compare with CDM lamp: Instant start, no noisy, no UV and IR, environment-friendly
- GS,CE, RoHS certificate, exceed the requirement of EU 1194/2012 and EU874/2012

| | |
|---------------|--------------------------------------|
| Produce Name | 13W DOWNLIGHT CAMETA+DIMMABLE DRIVER |
| input voltage | 220-240V |
| power | 13W |
| power factor | >0.95 |
| dimnable | DIM |
| lumen flux | 1050lm |
| beam angle | 15°, 24°, 38°, 60° |
| CCT Optial | 2700k/3000k/4000k/5000k, DIM-To-Warm |
| CRI Optial | CRI 82 (CRI 90-95 available) |
| UGR | |
| Cut-out | 85-105 |
| dimension | 60*72*110cm |
| net weight | 0.15kg |
| Equivalent to | 120W HALOGEN LAMP |

UGR<19 32W 3200LM 8INCH DOWNLIGHT+ DALI DIMMABLE DRIVER



| | |
|---------------|--|
| Produce Name | UGR<19 8INCH DOWNLIGHT CAMETA+DALI DIMMABLE DRIVER |
| input voltage | 220-240V |
| power | 32W |
| power factor | >0.95 |
| dimnable | DALI(DALI member) or 1-10V |
| lumen flux | 3200lm |
| beam angle | 24°, 38°, 60°, 90° |
| CCT Optial | 2700k/3000k/3500k/4000k/5000k |
| CRI Optial | CRI 82(CRI 90-95 available) |
| UGR | 19 |
| Cut-out | 205-215 |
| dimension | 169*115*109 8INCH |
| net weight | 1.35kg |
| Equivalent to | 50W CDM/Metal Halide |

50W 4000LM 8INCH DOWNLIGHT + NON-DIMMABLE DRIVER



- Cameta patent lens, Anti-glare design
- CREE COB LED, no shadow, strong penetrability
- High CRI, CRI90-95 available for 2700k, 3000k, and 4000K
- Unique heat sink design
- Dimmable driver, smooth dimming range from 100% to 10%, and compatible with most of the dimmer, such as Jung, Elko, Schneider, Busch, Clipsal etc. Dali dimming system for choice
- High Power Factor over 0.95
- Easy installation
- Compare with CDM lamp: Instant start, no noisy, no UV and IR, environment-friendly
- GS,CE, RoHs certificate, exceed the requirement of EU 1194/2012 and EU874/2012

| | |
|---------------|---|
| Produce Name | 1 LED 50W 8INCH DOWNLIGHT D80 CAMETA |
| input voltage | 220-240V |
| power | 50W |
| power factor | >0.95 |
| dimmable | NOT DIM |
| lumen flux | 4000lm |
| beam angle | 24°, 38°, 60°, 90° |
| CCT Optial | 2700k/3000k/4000k/5000k |
| CRI Optial | CRI 82(CRI 90-95 available for 2700K 3000K 4000K) |
| UGR | 19 |
| Cut-out | 205-215 |
| dimension | 230*115*134cm |
| net weight | 1.4kg |
| Equivalent to | 70W CDM |

9W 6INCH DIAMOND DOWNLIGHT +DIM DRIVER



- Cameta patent lens, Anti-glare design
- CREE COB LED, no shadow, strong penetrability
- High CRI, CRI90-95 available for 2700k, 3000k, and 4000K
- Unique heat sink design
- Dimmable driver, smooth dimming range from 100% to 10%, and compatible with most of the dimmer, such as Jung, Elko, Schneider, Busch, Clipsal etc. Dali dimming system for choice
- High Power Factor over 0.95
- Easy installation
- Compare with CDM lamp: Instant start, no noisy, no UV and IR, environment-friendly
- GS,CE, RoHS certificate, exceed the requirement of EU 1194/2012 and EU874/2012

| | |
|---------------|--|
| Produce Name | 9W 6INCH CFL RETROFIT DOWNLIGHT |
| input voltage | 220-240V |
| power | 9W |
| power factor | 0.9 |
| dimmable | DIM |
| lumen flux | 650lm |
| beam angle | 90° |
| CCT Optial | 2700k/3000k/4000k/5000k |
| CRI Optial | CRI>80 (CRI 90-95 available for 2700K 3000K) |
| UGR | 19 |
| Cut-out | 150-155mm |
| dimension | 170*50mm |
| net weight | 1kg |
| Equivalent to | 2*9W CFL |

7.5W 4INCH GIMBAL TILTABLE DOWNLIGHT+ DIMMABLE DRIVER



| | |
|---------------|--|
| Produce Name | DIMMABLE 7.5W 4inch GIMBAL Tilttable DOWNLIGHT, IC Rated |
| input voltage | 220-240V |
| power | 7.5W |
| power factor | >0.95 |
| dimmable | DIM |
| lumen flux | 650lm |
| beam angle | 24°, 38°, 60° |
| CCT Optial | 2700k/3000k/4000k/5000k, DIM-to-warm |
| CRI Optial | CRI 82(CRI 90-95 available) |
| UGR | 19 |
| Cut-out | 950-105 |
| dimension | 110*90*54cm |
| net weight | 0.2kg |
| Equivalent to | 50W MR16 Halogen, or 75W GU10 Halogen |

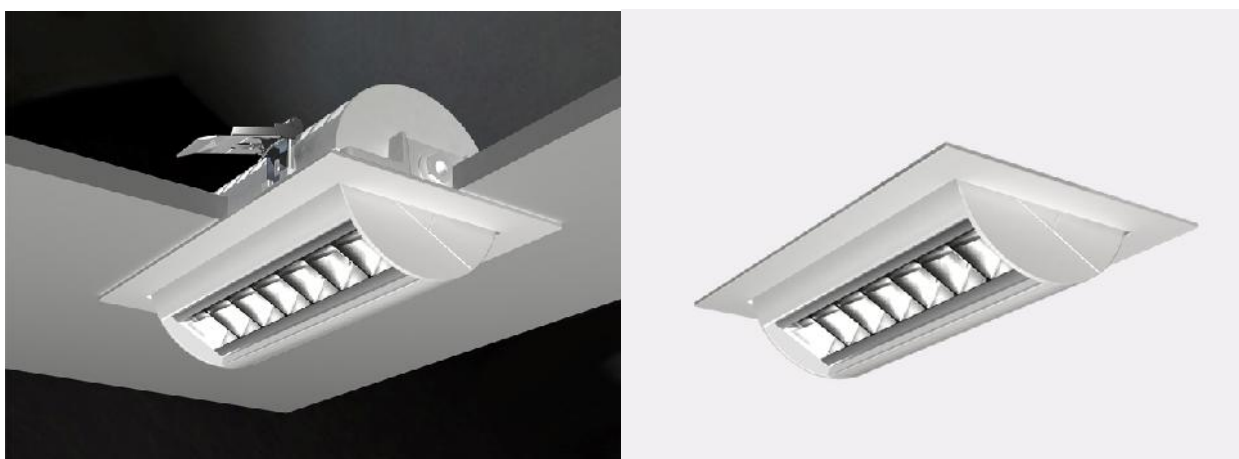
22W 8INCH CFL RETROFIT DOWNLIGHT +DALI/1-10V DIM DRIVER



| | |
|---------------|--|
| Produce Name | 22W 8INCH CFL RETROFIT DOWNLIGHT |
| input voltage | 220-240V |
| power | 22W |
| power factor | >0.95 |
| dimnable | DIM |
| lumen flux | 2000lm |
| beam angle | 90° |
| CCT Optial | 2700k/3000k/4000k/5000k |
| CRI Optial | CRI>80 (CRI 90-95 available for 2700K 3000K) |
| UGR | 19 |
| Cut-out | 195-230 |
| dimension | 245*190*49cm |
| net weight | 1kg |
| Equivalent to | 2*26/32W CFL |

WALLWASHER LED LIGHTS

23W RECESSED MOUNTED LED WALLWASHER



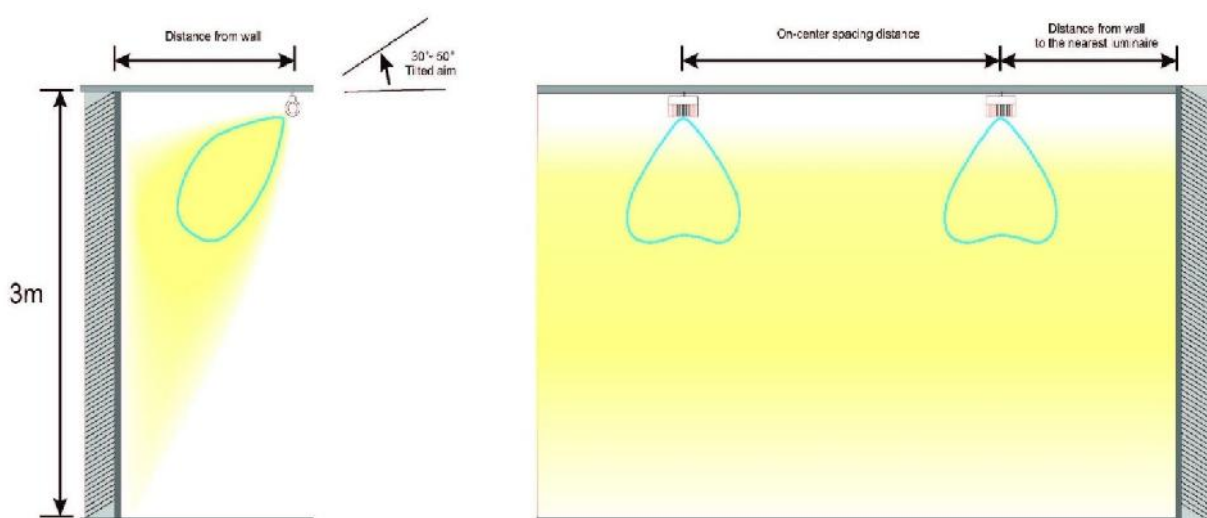
FEATURES:

- Wide beam recessed mounted LED wall washer with 60° x 90 ° asymmetric light distribution
- Energy-efficient recessed LED wallwasher with superb energy efficiency up to 100LM/W
- Delivering exceptionally glare free ambient light based on the lighting shielding angle of 25°
- A great flexibility of manual locking with with 350° Rotation and 180° Tilting
- Great color rendering with CCT optional: 2700K/3000K/4000K/5000K
- Adopting Integral driver and isolated circuit with High-power Factor Over 0.95
- Passive cooling system used to achieved thermal comfort and minimize the energy use
- Finish: Matt White, Matt Black, Matt silver
- Metal Halide replacement: from 70W and 50W
- User-friendly and environmentally Friendly

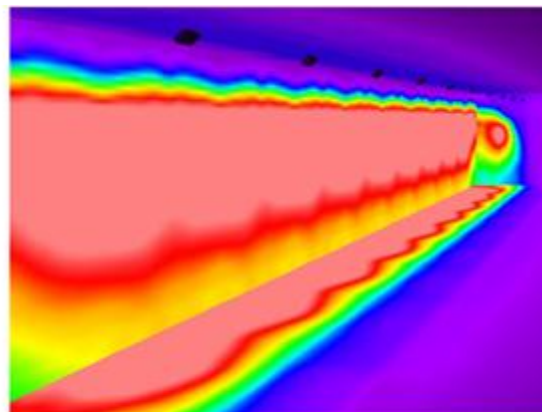
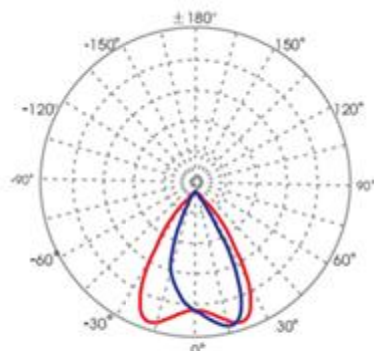
SPECIFICATION:

| | |
|---------------|--|
| Produce Name | 23W RECESSED MOUNTED LED WALLWASHER |
| Input Voltage | 100-264V |
| Power | 23W |
| Power Factor | >0.95 |
| Dimmable | NO |
| Lumen Flux | 2000lm (3000K) |
| Beam Angle | 60°x 90° |
| CCT Optial | 2700K/3000K/4000K/5000K |
| CRI Optial | CRI82 (CRI90-95 available for 2700K/3000K/4000K/5000K) |
| Size | 230*140*100mm |
| Net Weight | 1.5KG/pcs (4pcs/ctn 8.5KG/ctn) |

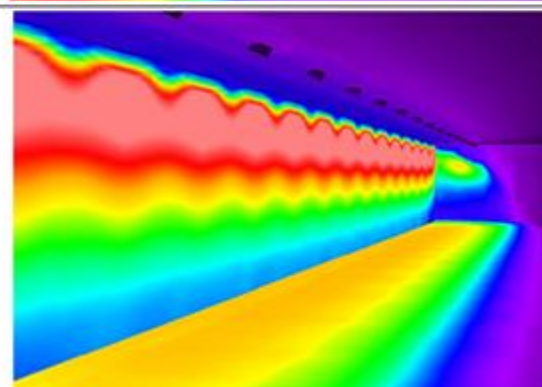
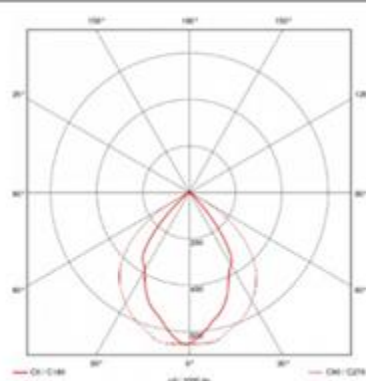
Dialux Simulation



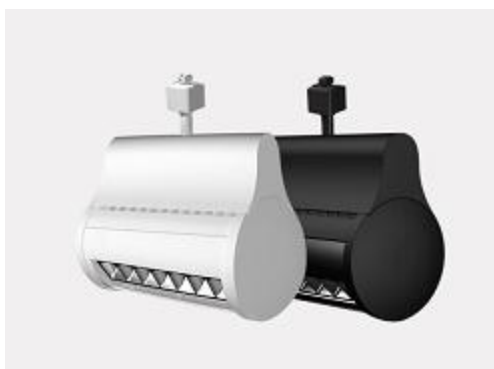
Waterdrop Wallwasher



Other brands' Wallwash Light



Family Products



43w track-mounted wallwasher lighting



43W surface mounted LED wallwasher

43W LED WALLWASHER TRACK HEAD



FEATURES:

- Flood Wide Beam adjustable wall washer with 60° x 90 ° asymmetric light distribution
- Eco-friendly and energy-efficient track-mounted track wall washer with superb energy efficiency up to 100LM/W
- Delivering exceptionally glare free ambient light based on the lighting shielding angle of 25°
- A great flexibility of manual locking with with 350° Rotation and 180° Tilting
- Great color rendering with CCT optional: 2700K/3000K/4000K/5000K
- Adopting Integral driver and isolated circuit with High-power Factor Over 0.95
- Passive cooling system used to achieved thermal comfort and minimize the energy use
- Finish: Matt White, Matt Black, Matt silver
- Metal Halide replacement: from 70W and 50W
- User-friendly and environmentally Friendly

SPECIFICATION

| | |
|---------------|--|
| Produce Name | 43W LED WALLWASHER TRACK HEAD |
| Input voltage | 100-264V |
| Power | 43W |
| Power Factor | >0.95 |
| Dimmable | NO |
| Lumen Flux | 4000lm (3000K) |
| Beam Angle | 60°x 90° |
| CCT Optial | 2700K/3000K/4000K/5000K |
| CRI Optial | CRI82 (CRI90-95 available for 2700K/3000K/4000K/5000K) |
| Size | 223*108*262mm |

22W MK MODULAR SPOTLIGHT



FEATURES:

- Be able to be configured up to 228 types of recessed or pendant lighting fittings with modular design and interchangeable components.
- Support flexible docking of multiple LED luminaires into one connected lighting system in different forms.
- Available with Interchangeable beam angles: 24°, 40°, 60°, 80°x45°
- Positioned freely to meet the needs with a rotation of 350 degrees and tilting of 50 degrees,
- Provided with patented CAMETA lens and shielding angle of 15 degrees, ensuring low-glare and flicker-free lighting
- Proven to have a high luminous efficacy up to 100LM/W, saving power consumption to a large extent.
- With ability to emit excellent quality lighting with a high CRI of 82/95 or BBBL options
- Dimming: Non-dimming, DALI and 1-10V dimming
- Recessed Mounted, or Pendant Mounted
- NO stroboscopic flicker


SPECIFICATION:

| | |
|---------------|--|
| Produce Name | 22W MK MODULAR SPOTLIGHT |
| Input Voltage | 220-240V |
| Power | 22W |
| Power Factor | >0.95 |
| Dimmable | Yes |
| Lumen Flux | 2050lm (3000K) |
| Beam Angle | 24°, 38°, 60°, 80°x45° |
| CCT Optial | 2700K/3000K/4000K/5000K |
| CRI Optial | CRI82 (CRI90-95 available for 2700K/3000K/4000K/5000K) |
| Size | 820*380*190mm |
| Net Weight | 1KG/pcs (10pcs/ctn 9.5KG/ctn) |


Configured up to 228 different types of LED lighting fittings

Modular Design


| PARTS | | Frame | Light engine | Driver | Lens Assesory | Docking Accessory | Pendant Kit Accessory | DOCKING |
|---------|--|-----------------|------------------|--------------------------|------------------------------|-------------------|-----------------------|---------|
| Options | | Square Round | 2000lm 4000lm | Non-dim DALI 1-10V | 24° 38° 60° 80°x45° | Yes | Yes | |



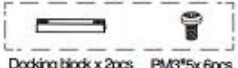
Frame



Light engine

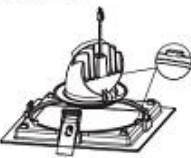


Driver




Docking block x 2pcs
PM3*5x6pcs
Docking accessory


ASSEMBLY



Insert the light engine to the slot of the frame




Press the light engine down to the frame; screw the fixing cap to lock the light engine




Finished


FINISHED




1x1




1x2




1x3



1x4



2x2



Round Spotlight

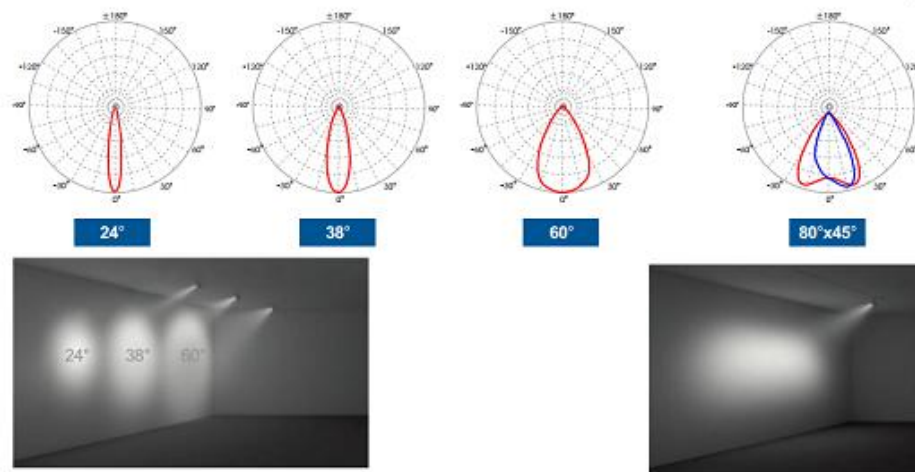
DOCKING



Make sure the frame are at the same direction;
Screw the docking blocks to fix the frame

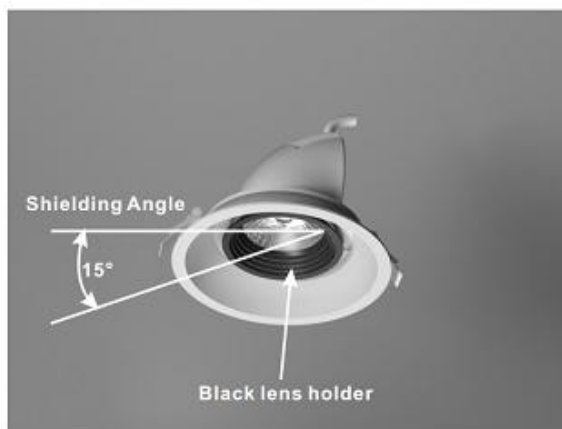
Multiple options of interchangeable beam angles

Interchangeable Distributions



Outstanding Optics Design

Optics Design



Related Products:



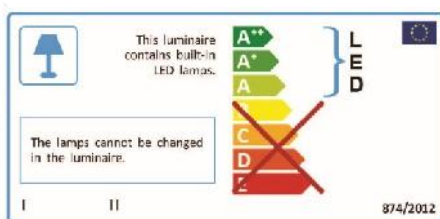
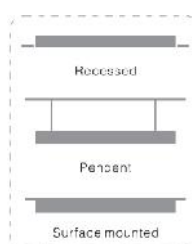
43W MODULAR SPOTLIGHT

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LED PANEL LIGHTS

27W 2800LM 620*620MM LED PANEL LIGHT+DIM DRIVER

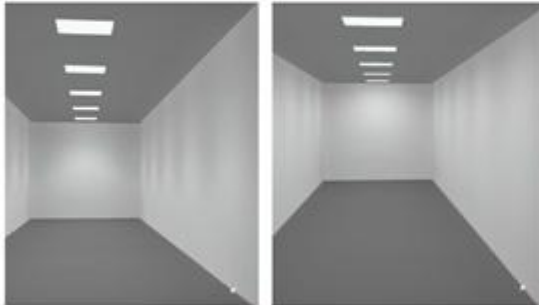


| | |
|---------------|---------------------------------------|
| Produce Name | 27W 2800lm 300*1200mm LED PANEL LIGHT |
| input voltage | 220-240V |
| power | 27W |
| power factor | >0.90 |
| dimmmable | 1-10V;DALI |
| lumen flux | 2800lm |
| beam angle | 120° |
| CCT Optional | 2700k/3000k/4000k/5000k |
| CRI Optional | CRI 80 |
| UGR | <19 |
| Dimension | 300*1200mm |
| Net weight | 4KG (4pcs/ctn 17KG/ctn) |

iPanel VS Traditional deep-cell parabolic lighting

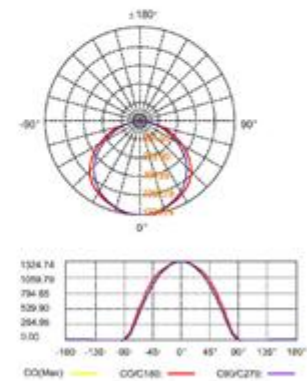
Comparison

The photographs below compare the effects of traditional deep-cell parabolic lighting and the **iPanel** in a typical private office application. Note the improved illumination of walls and the overall balance of luminance throughout the space on the right. Kinglumi iPanel is more even than the conventional fluorescent lighting. This results in a more spacious and pleasant appearance while improving visibility.



Office lighting comparison of conventional parabolic system (left) vs. **iPanel** (right)

Light Distribution Curve [Unit: cd]

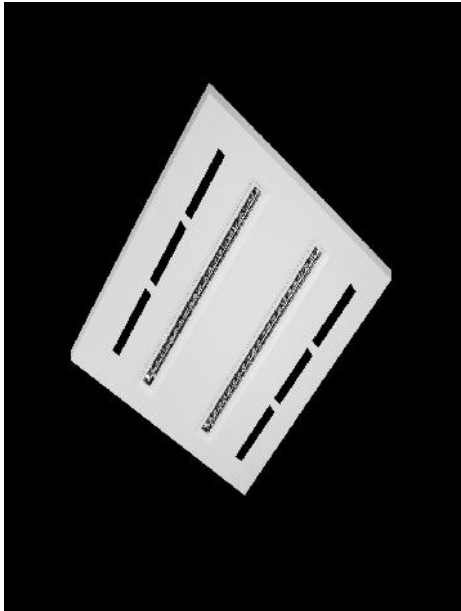


27W 2800LM 300*1200MM LED PANEL LIGHT+DIM DRIVER



| | |
|---------------|---------------------------------------|
| Produce Name | 27W 2800lm 300*1200mm LED PANEL LIGHT |
| input voltage | 220-240V |
| power | 27W |
| power factor | >0.90 |
| dimnable | 1-10V;DALI |
| lumen flux | 2800lm |
| beam angle | 120° |
| CCT Optional | 2700k/3000k/4000k/5000k |
| CRI Optional | CRI 80 |
| UGR | <19 |
| Dimension | 300*1200mm |
| Net weight | 4KG (4pcs/ctn 17KG/ctn) |

AIR-HANDING 28W 595*595MM MODULAR PANEL LIGHTING



FEATURES:

- Modular Design: A pair of light modules can be placed on frames of different sizes, fitting in with all European ceiling grids.
- Saving tremendous inventory costs ,running quickly on project and matching grid ceilings of different sizes.
- Extremely glare-free: UGR<16, luminance limits @65°<1000cd/m2, EN 12464-1: 2011 compliant
- Superb high efficiency: Up to 126lm/W(Pro), or 100lm/W(Standard)
- More useful light: over 90% useful lumen in cone 90°(zonal lumen)
- Dimming: Non-dimming, DALI and 1-10V dimming (only for Pro.)
- Class II,SELV, High Power Factor over 0.95
- Non-flicker design(only for Pro).
- Aluminum passive cooling, TcLED<61°C(Ta=25°C)
- Direct replacement for T8- 3x18W/4X18W; T5- 3x14W/4X14W
- Saving energy up to 65% with lifespan three times longer than fluorescent lamps.

Specification:

| | |
|---------------|---|
| Produce Name | UGR<16, 126lm/W, 28W 3600lm 595*595mm LED PANEL LIGHT PRO |
| Input voltage | 220-240V |
| Power | 28W |
| Power factor | >0.95 |
| Dimmable | Non DIM, 1-10V; DALI(EN 62386-207:device type 6) |
| Lumen flux | 3600lm |
| Beam angle | 85°x70° (batwing light distribution) |
| CCT Optional | 3000k/4000k/5000k |
| CRI Optional | CRI 80 |
| Glare Level | No Glare Light (UGR<16, luminance limits @65°<1000cd/m2) |
| Dimension | 595*595mm |
| Net weight | 5pcs/ctn 19KG/ctn |

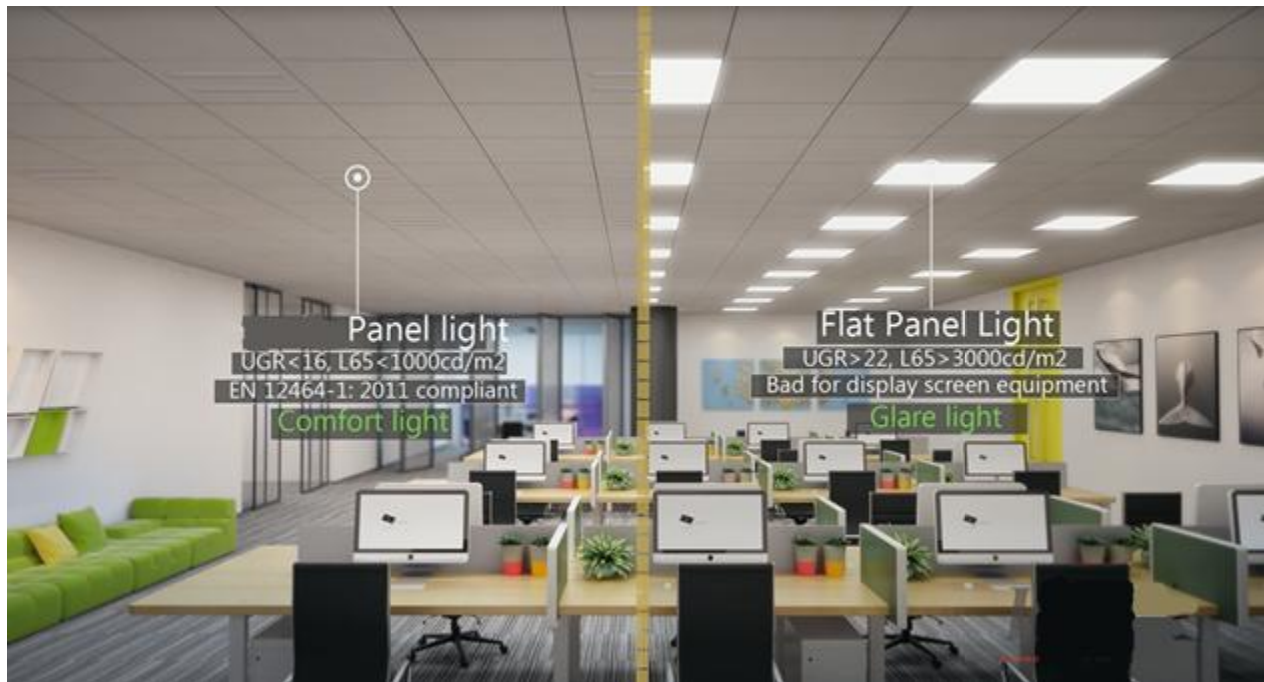
Application Review:



UGR<16 126LM/W 28W 3600LM 620*620MM LED PANEL LIGHT



| | |
|---------------|---|
| Produce Name | UGR<16, 126lm/W, 28W 3600lm620*620mm APOLLO LED PANEL LIGHT PRO |
| input voltage | 220-240V |
| power | 28W |
| power factor | >0.95 |
| dimmable | Non DIM, 1-10V; DALI(EN 62386-207:device type 6) |
| lumen flux | 3600lm |
| beam angle | 85°x70° (batwing light distribution) |
| CCT Optional | 3000k/4000k/5000k |
| CRI Optional | CRI 80 |
| Glare Level | No Glare Light (UGR<16, luminance limits @65°<1000cd/m2) |
| Dimension | 620*620mm |
| Net weight | 5pcs/ctn 19KG/ctn |



15W 1500LM 300*300MM LED PANEL LIGHT+DIM DRIVER



FEATURES:

- CRI80 and good lighting uniformity
- High visual comfort, UGR<19
- Provides a wide beam angle of 120°
- Luminaries' efficiency of >100lm/w
- Energy saving up to 50% compared with CFL in combination with controls
- Power factor >0.9
- Integrated Driver, with 1-10V, DALI dimming controller for choice
- Easy to install with loop-in/out connector
- GS,CE,ErP,RoHs certificate, exceed the requirement of EN12464

LED Linear Lighting

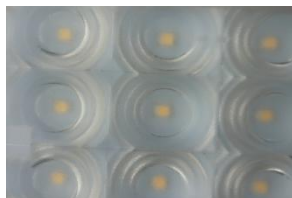


LED Linear Lighting can perfectly replace traditional light. Using Light Guide Plate, it has the feature of uniform and smooth light beam, low glare rating, low light pollution, and excellent protection from eyestrain.

- Ultrathin design
- High bright SMD2835, low attenuation rate
- Linear art beauty
- Beam angle : shine down 30°/60° /90°

Two-way light-emitting 20° /20°, 40° /40°

Product Details and Structure Picture



High brightness SMD2835

PMMA: Matte anti-glare

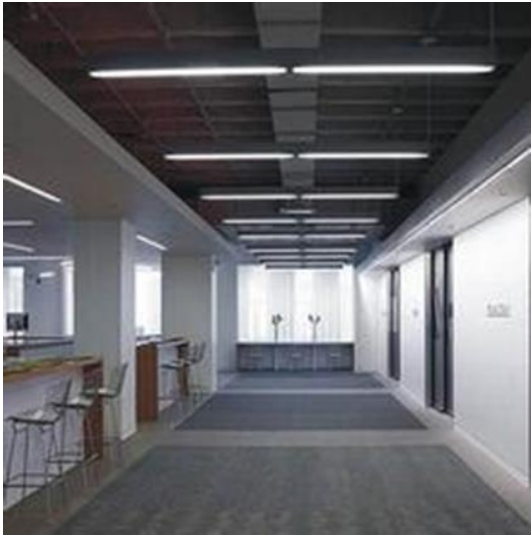
High thermal conductivity

High resistance to aging

aluminum plate

Efficient light transmission

Product Description



One-way light 18°

- Stable constant-current
- High quality light guide plate
- Homogeneous emitting
- Voltage: AC200-240V/
100-277V/100-240V
- No Mercury Inside, No UV
- Flicker-Free Lighting

Application Areas

- Special effects place
- Large store center
- Shopping mall
- Chain jewelry store,
jewelry shopping center.
- Clothing shopping center
- Furniture shopping center
- Leather goods shopping center

Application notes

- IP20 for indoor use only
- Professional electrician for installation only
- Switch off before installation
- Do not touch when in use
- Keep away from hot steam and corrosive gas

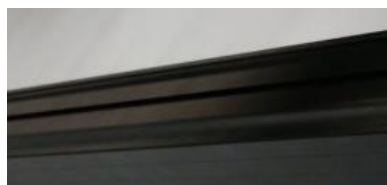
Driver Certificates

CE FC SAA

Main Technical Parameter

| | | | | |
|---------------------------|---------------------------------|--------------------|--------------------|--------------------|
| Product model | PSLL-0618 | PSLL-0928 | PSLL-1240 | PSLL-1560 |
| Input voltage | AC200V-240V | AC200V-240V | AC200V-240V | AC200V-240V |
| Frequency range | 50HZ/60HZ | 50HZ/60HZ | 50HZ/60HZ | 50HZ/60HZ |
| Total harmonic distortion | ≤20% | ≤20% | ≤20% | ≤20% |
| Power factor | >0.88 | >0.9 | >0.9 | >0.9 |
| LED Working voltage | DC30-42V | DC30-42V | DC30-42V | DC30-42V |
| LED quantity | 66PCS 2835LED | 99PCS 2835LED | 132pcs 2835LED | 165PCS 2835LED |
| System consumption | 18W+5% | 28W+5% | 36W+5% | 60W+5% |
| LED luminous efficiency | 100/120LM/W ±5% | 100/120LM/W ±5% | 100/120LM/W ±5% | 100/120LM/W ±5% |
| Lamp's efficiency | 85% | 85% | 85% | 85% |
| Illuminance uniformity | >80% | >80% | >80% | >80% |
| Color temperature | Warm white: 2800-3500K | | | |
| | Naturally white: 4000-4500K | | | |
| | Pure white: 5500K-6000k | | | |
| Color rendering index | Ra>80 | | | |
| Light distribution | Symmetrical / circular spot | | | |
| Light design | LED+PMMA two light distribution | | | |
| LED Junction temperature | ≤ 65℃ | | | |
| Working temperature | -20℃——+50℃ | | | |
| Storage temperature | -20℃——+60℃ | | | |
| IP Grade | IP20 | | | |
| life-span | > 30,000H | | | |
| Connect wire | Brown L | Live wire | | |
| | Blue N | Zero line | | |
| | Yellow-green | Ground wire | | |
| Color of lamp shell | Silvery | | | |
| LED Linear light Warranty | 5 years | | | |

| | | | | |
|----------------------------|--|-------------------------|-------------------------|-------------------------|
| Beam Angel | Shine down 30°/60°/90° Two-way light-emitting 20°/20° One-way light 18° | | | |
| Dimmable | NO | | | |
| L* W * H size (mm) | 572 L*65 W*58 H | 860L*65 W*58 H | 1144 L*65 W*58H | 1430 L*65W*58H |
| gross product (Kg) | ≈1.5Kgs | ≈2.1Kgs | ≈2.6Kgs | ≈3.1Kgs |
| Qty /Carton (PCS) | 6pcs/CTN | 6pcs/CTN | 6pcs/CTN | 6pcs/CTN |
| Gross weight/Carton | ≈8.5Kgs | ≈12.65Kgs | ≈15.65Kgs | ≈19.25Kgs |
| Carton Size(cm) | 64.2*24.3*17.5cm | 94.2*24.3*17.5cm | 124.2*24.*17.5cm | 154.2*24.*17.5cm |



High thermal conductivity

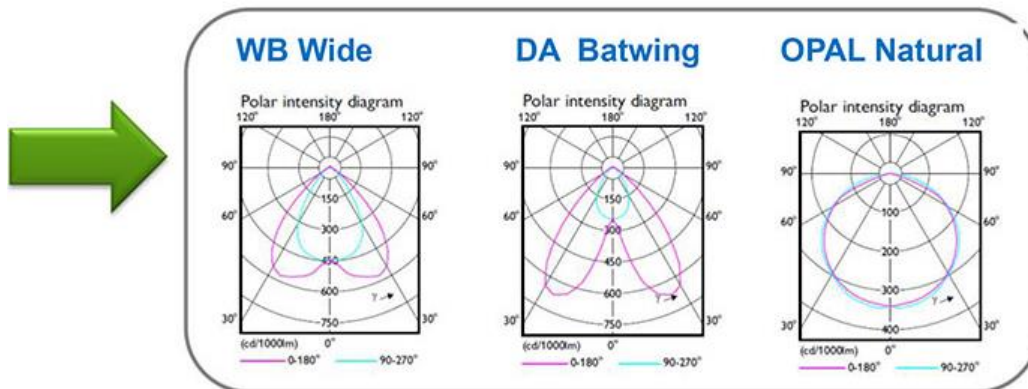
aluminum aviation

Color: black / silvery /golden

High-strength steel

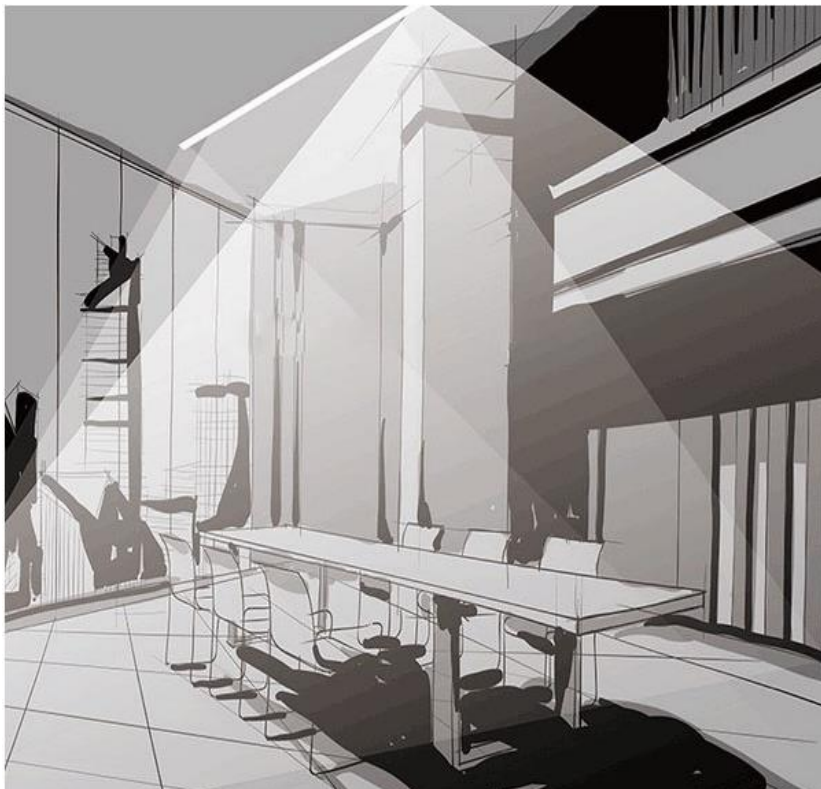
suspension wires

Irradiation direction and Effects schematic

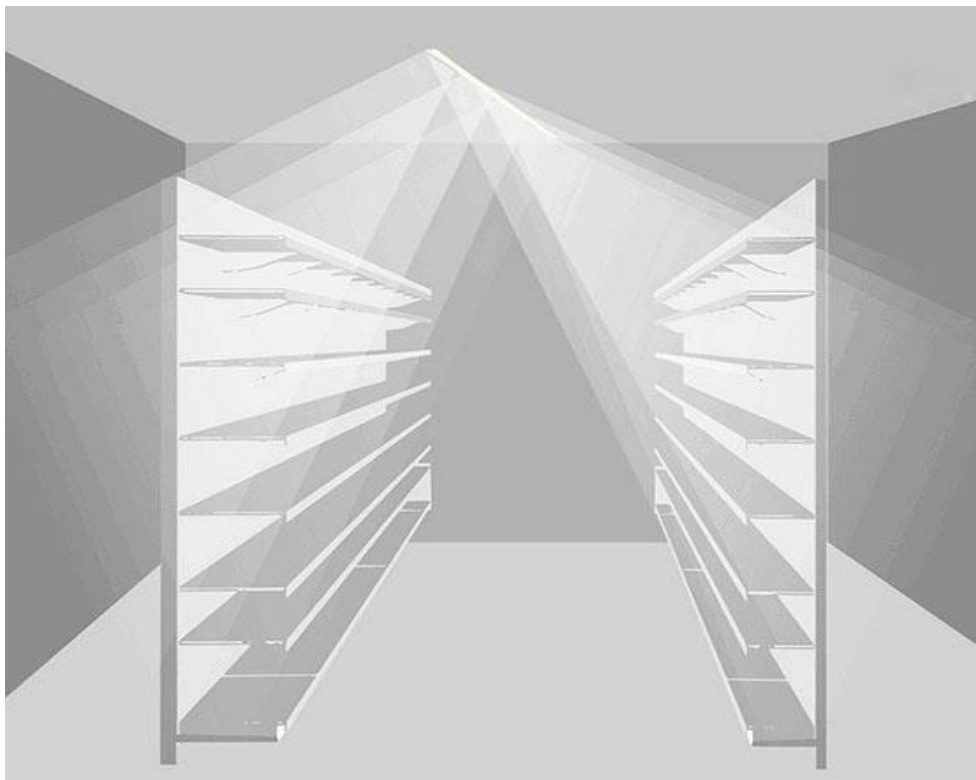


Irradiation direction and Effects schematic

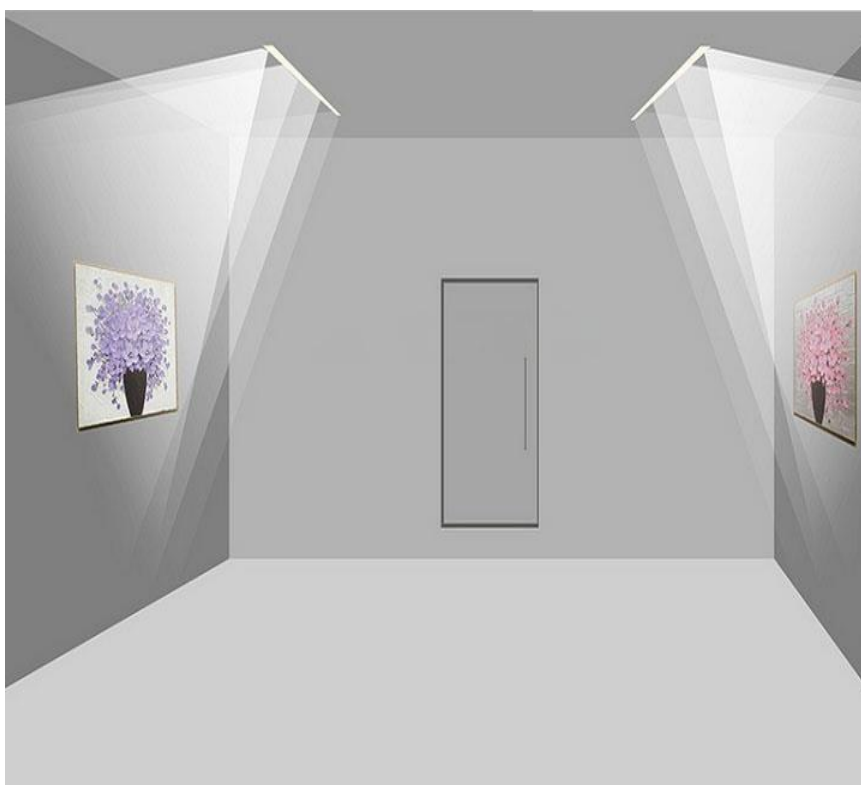
1. Shine down 30°/ 60°/90°



2. Two-way light-emitting 20°/20°



3. One-way light 18°



Linear Light, low UGR



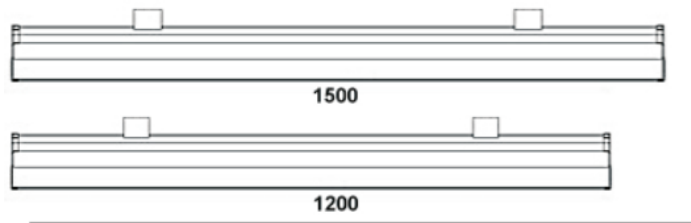
Product Description:

- Al6063 Aluminum Material, durable and indeformable;
- Stream-line profile design, good heat dissipation, Anti-glare;
- Installation: ceiling and suspending;
- Unique connector, easy for connecting, loaded power up to 2000W in line;
- 0-10V PWM DALI dimmable system is available;
- UGR16;
- IP Rating: IP44;
- CLASS II Lamp;
- THD<20%, excellent electromagnetic compatibility, no harm to surroundings;
- Replace: 120W + T8, T10 or T12;
- Warranty: 5 years;
- Application: supermarket, office space and station.

UGR16 LED GRILLE LAMP

Unmatched Lighting Performance And Quality With No Compromise

Product Size(mm):



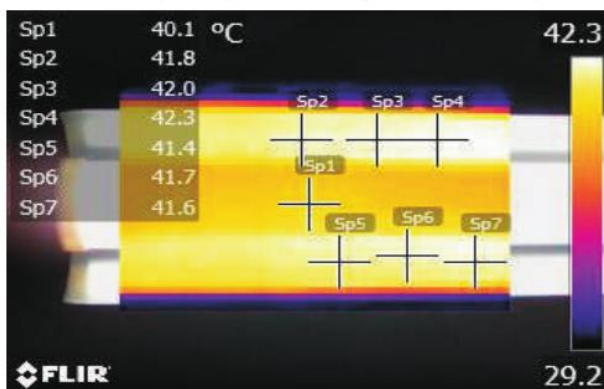
Specification

| | |
|-----------------------------|-------------------------|
| Family Model No | LT-GL-662 |
| Wattage | 40W 60W |
| Working Voltage | AC120-277V / AC220-240V |
| LED Chip | SMD2835 |
| Lumen Per Walt | up to 130LM/W |
| Beam Angle | 105° |
| Color Temperature | 3000K, 4000K |
| Power Factor | 0.95 |
| Operating Temperature | -30° to +50° |
| CRI | ≥85 |
| THD | <20% |
| Electrical surge protection | 2KV |
| Certificate | CE ROHS |

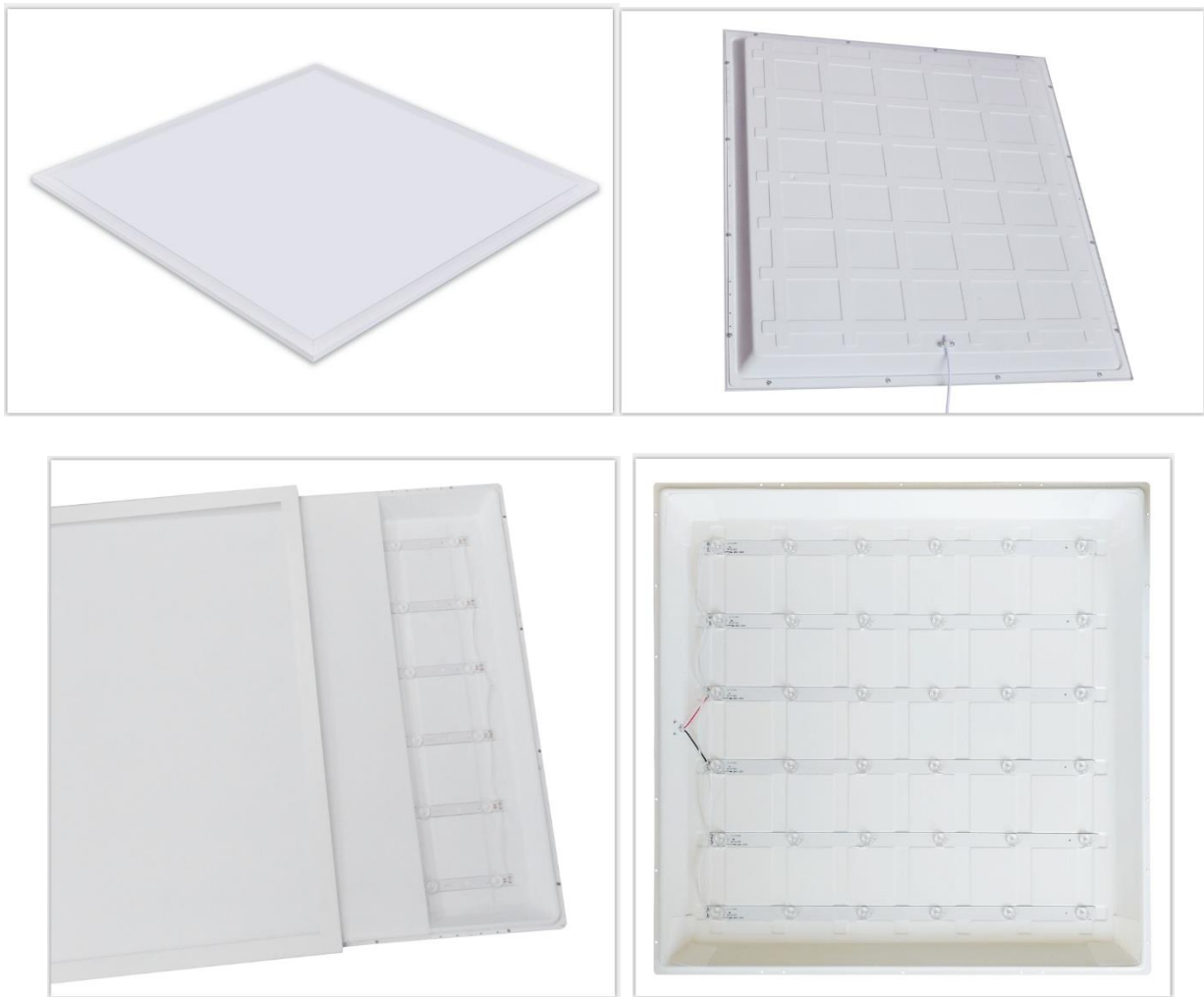
Chip Temperature Test:

Chip average temperature:42.3°C

Great heat dissipation performance, good for LED lifespan



Backlight LED Panel Light High Efficiency



1. Product Features

LED backlight panel light adopts fireproof plastic lamp body, integrated design, good insulation performance, higher safety, simple and elegant appearance, and the frame is made of 6063 aluminum frame, which can be treated with oxidized silver and painted white. The lampshade adopts a highly transparent PS diffuser plate with good uniformity of illumination and no glare. The light source adopts high-brightness 2835 leds, no blue light hazard, healthy light, and secondary optical light guide design makes the light softer. Suitable for indoor mounting or snap mounting.

Available wattage: 50-100w, up to 135 lm/w

- High efficiency & energy saving. Under the condition of the same illumination. It saves more than 67% energy compared with the traditional lamp.

- Wide input voltage(200-240V); Free-flicker.
- Long life span, using semiconductor chip as the light resource, the life can be over 60,000hrs.
- No UV & IR. It won't distribute ray radiation
- Eco-friendly, No Hg & Xe, or other harmful element. Recyclable, also it won't generate EMI.
- High-performance external constant current driver, flat and smooth frame, very easy to clean

3. Applications



- Direct replacement for luminaires with 4 x 18 W or 4 x 14 W fluorescent lamps
- Corridors
- Offices
- Conference rooms
- Reception areas
- Foyers
- Elevators
- Suitable for recessed ceiling systems with grid size of 595x595 or 600x600 mm

4. Technical Parameters (50w)

Power parameters

| Model name | PSP-66-50 (60x60) | PSP-123-50 (120x30) |
|-------------------------|--------------------|---------------------|
| Input Voltage/Frequency | AC200-240V 50/60Hz | AC200-240V 50/60Hz |
| Input Current (Typ)Max | 0.2A | 0.2A |
| Output Voltage | DC30-40V | DC30-40V |
| Output Current | 1300mA | 1300mA |
| Power Factor | PF>0.9 | PF>0.9 |

Lighting parameters

| LED Consumption | 50W |
|-----------------------|-------------------------|
| Lumen | 5500±200LM - 6500±200LM |
| LED Type | SMD 2835 |
| Color Temperature | 3000/4000/6000K |
| Color Rendering Index | Ra≥80 |
| Operating Temperature | -20~+40 °C |
| IP Grade | IP40 |
| Life-span | >60000Hrs |
| LED Chips | San'an / Epistar |
| Energy efficiency | A ⁺ |
| Beam Angle | 120° |
| Frame Materials | PP+ Aluminum |
| Appliance Class | Class II |