



NexusLED®  
*Simple is Better*

**From Design To Manufacturing  
From Consultation To Solution**





## **Incorporated in 2011** **Nexusled Green Technology Sdn Bhd**

### **Since 2002**

Nexusled Green Technology Sdn Bhd (NGT), based in Johor, Malaysia, a pioneer in LED lighting design and manufacturing with a history dating back more than 15 years.

In 2012, after 10 years of efforts in developing LED lighting business under Nexus Electronics, with the rapid growth of its led lighting business, the Board of Directors with the determination of staying focused, had decided to split these two business segments into two distinct entities. Consequently NGT with its registered brand NexusLED, was established on April, 2012.



# NEW LED Floodlight

## FLT-MiniTron



**IP Rating**  
IP66



**System Power**  
50W +/-5W

**Luminaire Cover Material**  
Clear Tempered Glass

**Weight**  
1.5kg

**Dimension**  
189mmx156mmx77mm

**Colour Temperature**  
5700K  
(Also available in 3000K, 4000K)

### Lens

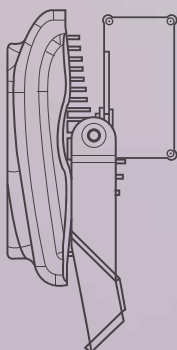
Secondary optic  
for far throw applications



**Extruded Aluminum Heatsink**  
Better Heat Dissipation

### LED Driver

External IP67 LED Driver



### Application

Sign board lightings, Arena Lightings,  
Compound Lightings

**NexusLED®**  
*Simpler's Better*

Refer to products specification for more information

# New LED Flat Panel

A New Generation of NexusLED Back-Lit Series



**IP Rating**  
IP20



**System Power**  
36W / 60W

**Heatsink Material**  
Aluminium

**Weight**  
1.0kg / 2.0kg

**Dimension**  
595mm x 595mm  
595mm x 1195mm

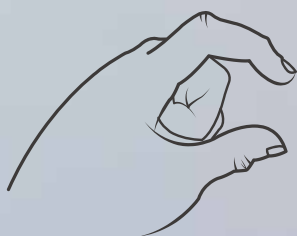
**Colour Temperature**  
3000  $\pm$  200K / 4000  $\pm$  300K /  
6000  $\pm$  500K

**Luminaire Cover Material**  
PMMA

**Beam Angel**  
120°

- ☒ Sleek Design
- ☒ Easy and quick installation
- ☒ High Efficacy
- ☒ Low maintenance cost

**Application**  
Offices, Multi-purpose Halls,  
Factories, Lobbies



## Thincredible



NexusLED LED FLAT PANEL Back-Lit Series  
With 35mm thincredible size and weighing only 990g

Refer to products specification for more information

# Light Levels (Illuminance) Recommendation

for Outdoor and Indoor Venues



Area  
**General Offices**

Illumination  
(lux, lumen/m2)  
**300-500 lux**



Area  
**Showrooms**

Illumination  
(lux, lumen/m2)  
**500-1000 lux**



Area  
**Warehouses**

Illumination  
(lux, lumen/m2)  
**100-300 lux**



Area  
**Stadiums**

Illumination  
(lux, lumen/m2)  
**700-1500 lux**



Area  
**Highways**

Illumination  
(lux, lumen/m2)  
**25-40 lux**



Area  
**Supermarkets**

Illumination  
(lux, lumen/m2)  
**500-750 lux**

## Colour Temperature

The Kelvin Scale



▲  
**2700K**  
Warm White

▲  
**3000K**  
Warm White

▲  
**4000K**  
Daylight

▲  
**5700K**  
Cool White

# NexusLED LED Lighting

We provide advanced LED lighting solutions for homes and businesses. We also offer one-stop solution, from product design, lighting system consultation, value-driven lighting simulation, and sustainable maintenance management.



## Beauty and Simplicity

Uniform bright light provides maximum lighting quality to create living environments with more beauty

## Comfortable

Optimal lighting solutions created with NexusLED Lighting design methods for spaces make everyday living more comfortable



## Quality and Reliability

NexusLED, stamp of uncompromised quality following ISO management and quality standards along with international standards to ensure long-term reliability

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# NexusLED Outdoor Lighting





# LED Street Lighting

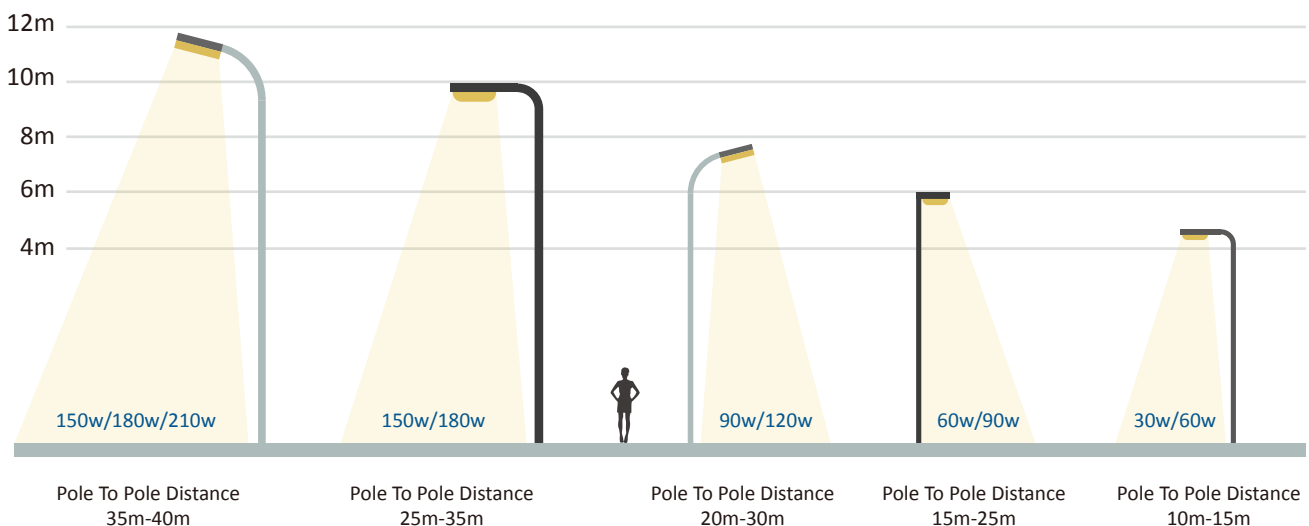
NexusLED street lighting offers uniformity, wide coverage up to 40m pole to pole, glare-free illumination for optimum visibility and safe driving with low energy consumption

## Why Choose NexusLED Streetlights?



NexusLED LED streetlights are energy-efficient and long-lasting, saving huge energy costs as well as maintenance costs. Other than the saving in energy, LED lighting not only features a crisp color similar to moonlight/natural light (anywhere from 4000K to 6000K), but also a great CRI of at least 70, CRI is what determines the visibility and ability to see things as intended. The CRI for normal lights, in comparison, can be as low as 20. This makes visibility “muddier” and more difficult to discern detail and color. When visibility is decreased, so is safety which means an increase in crime or unwanted incidents. Visibility is an obviously important factor when it comes to lighting streets and neighbourhoods at night.

## LED Streetlight Applications Guideline



# SLK - Professional Series

**NexusLED®**  
Simpler's Better

The efficient design and optics make the SLK series perfect for all type of road lighting needs. It ensures maximum reliability and security at night for both drivers and pedestrians.

Featuring innovative thermal management design and going through rigorous test, this luminaire has two major assets, exceptional performance and unbeatable value.



**AC Input:** 90 ~ 305 Vac  
**Surge Protection Device (SPD):** 20kA  
**Colour Temperature:** 2850K~3250K  
**Colour Rendering Index (CRI):** >70  
**Beam Angle:** 45° x 155°  
**Operating Temperature:** -30°C ~ +50°C  
**Storage Temperature:** -30°C ~ +90°C  
**LED Lumen Maintenance:** LM80  
**Electrical Safety:** Class I  
**LED Driver Compliant:** CE, IEC, SIRIM, JKR  
**Heatsink material:** Aluminium Die Casting  
**Luminaire Cover Material:** Clear Tempered Glass  
**IP Rating:** IP66



Application areas

Roadways

Park

Factories

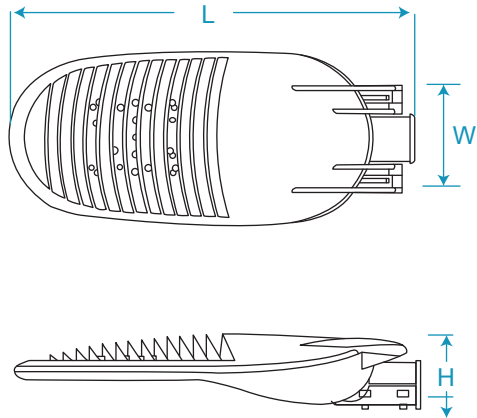
Compounds

Petrol Station Carparks

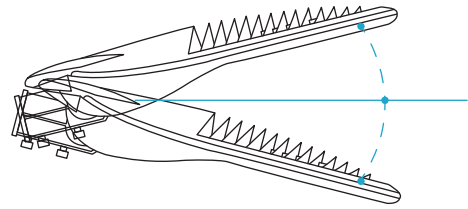
Community

| Detail \ Model       | SLK-060-FPN6         | SLK-090-FPN6          | SLK-120-FPN6          | SLK-150-FPN6          | SLK-180-FPN6         | SLK-210-FPN6          |
|----------------------|----------------------|-----------------------|-----------------------|-----------------------|----------------------|-----------------------|
| System Power         | 60W ± 5%             | 90W ± 5%              | 120W ± 5%             | 150W ± 5%             | 180W ± 5%            | 210W ± 5%             |
| LED Driving Current  | 1,600 mA (88mA /LED) | 2,100 mA (105mA /LED) | 2,100 mA (105mA /LED) | 2,000 mA (105mA /LED) | 2,400 mA (85mA /LED) | 2,800 mA (100mA /LED) |
| Number of LEDs       | 108 pcs (3030 LED)   | 140 pcs (3030 LED)    | 180 pcs (3030 LED)    | 280 pcs (3030 LED)    | 336 pcs (3030 LED)   | 336 pcs (3030 LED)    |
| Initial Lumens       | 8,830 lm             | 14,950 lm             | 19,220 lm             | 24,770 lm             | 29,730 lm            | 29,730 lm             |
| Hot Lumens           | 8,110 lm             | 11,420 lm             | 14,980 lm             | 20,140 lm             | 23,710 lm            | 23,710 lm             |
| Luminous Efficacy    | >129 lm/W            | >127 lm/W             | >121 lm/W             | >135 lm/W             | >133 lm/W            | >133 lm/W             |
| Size (L x W x H)(mm) | 622 x 292 x 122      | 622 x 292 x 122       | 622 x 292 x 122       | 846 x 368 x 135       | 846 x 368 x 135      | 846 x 368 x 135       |
| Weight               | 5.5kg                | 5.5kg                 | 5.5kg                 | 12.0kg                | 12.0kg               | 12.0kg                |
| Photometry           |                      |                       |                       |                       |                      |                       |

## Dimensions

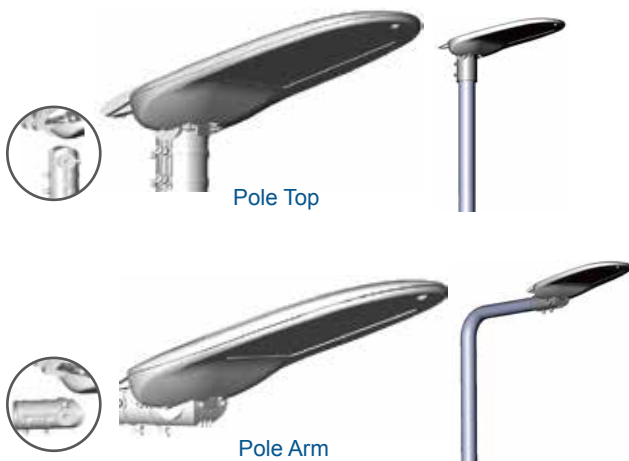


## Horizontal Installation

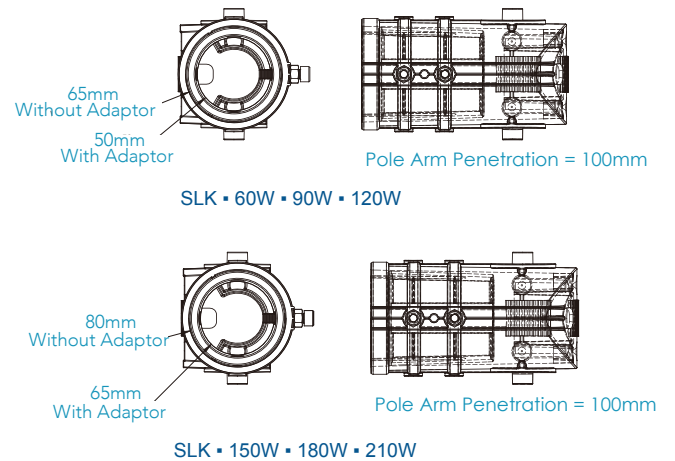


Adjustable luminaire angle with maximum 12° tilting angle, upwards or downwards

## Versatile Mounting



## Spigot





# SLA - Economy Series

**NexusLED®**  
Simpler & Better

SLA series offer optimum visual condition while enabling maximum energy savings for road and compound lighting applications.



Cost-Effective



60%  
Energy  
Saving

IP65

50,000  
Hours at  
25°C

CE

RoHS  
Compliance

NO  
Mercury or  
Toxic gas

**AC Input:** 200 ~ 277Vac

**Surge Protection Device (SPD):** 5kA

**Colour Temperature:** 5700K (available in 3000K, 4000K)

**Colour Rendering Index (CRI):** >70

**Beam Angle:** 55° x 140°

**Operating Temperature:** -20°C ~ +45°C

**Storage Temperature:** -20°C ~ +80°C

**Lifetime (typical):** 50,000 hours at ta 25°C

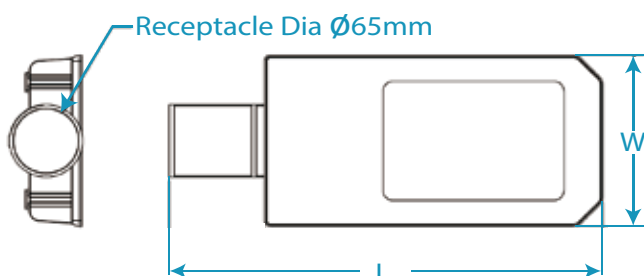
**Electrical Safety:** Class I

**Compliant:** IEC, SIRIM

**Heatsink material:** Aluminium Casting

**Luminaire Cover Material:** Clear Tempered Glass

**IP Rating:** IP65



## Features

- Light weight
- Selectable power

## Benefits

- Energy savings, reduce energy costs
- Low maintenance costs
- High system efficacy with lower power consumption
- Easy and quick installation

## Application areas

Roadways

Factories

Compound Lightings

Park

Petrol Station Carparks

Community

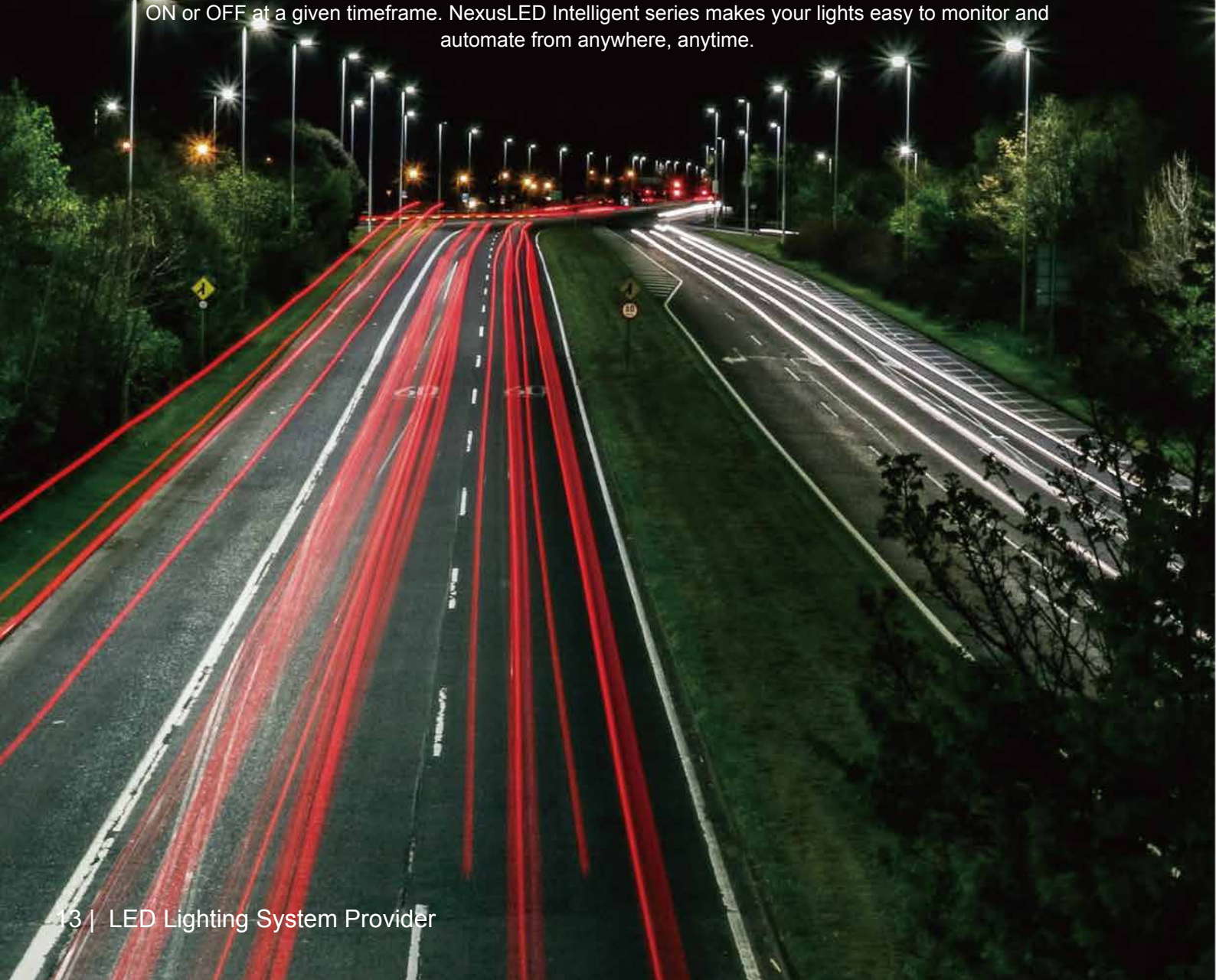
| Details                   | Model | SLA-030-CPN8         | SLA-060-CPN8         | SLA-090-CPN8         | SLA-120-CPN8         |
|---------------------------|-------|----------------------|----------------------|----------------------|----------------------|
| System Power              |       | 30W +/-3W            | 60W +/-3W            | 90W +/-5W            | 120W +/-5W           |
| Luminaire Efficacy Rating |       | >110 lm/W            | >113 lm/W            | >106 lm/W            | >117 lm/W            |
| Luminous Flux             |       | 3,480 lm             | 6,730 lm             | 9,715 lm             | 13,790 lm            |
| Weight                    |       | 2.0kg                | 3.4kg                | 3.4kg                | 5.3kg                |
| Size (L) x (W) x (H)      |       | 428mm x 173mm x 73mm | 508mm x 210mm x 73mm | 508mm x 210mm x 73mm | 658mm x 243mm x 73mm |
| Photometric               |       |                      |                      |                      |                      |



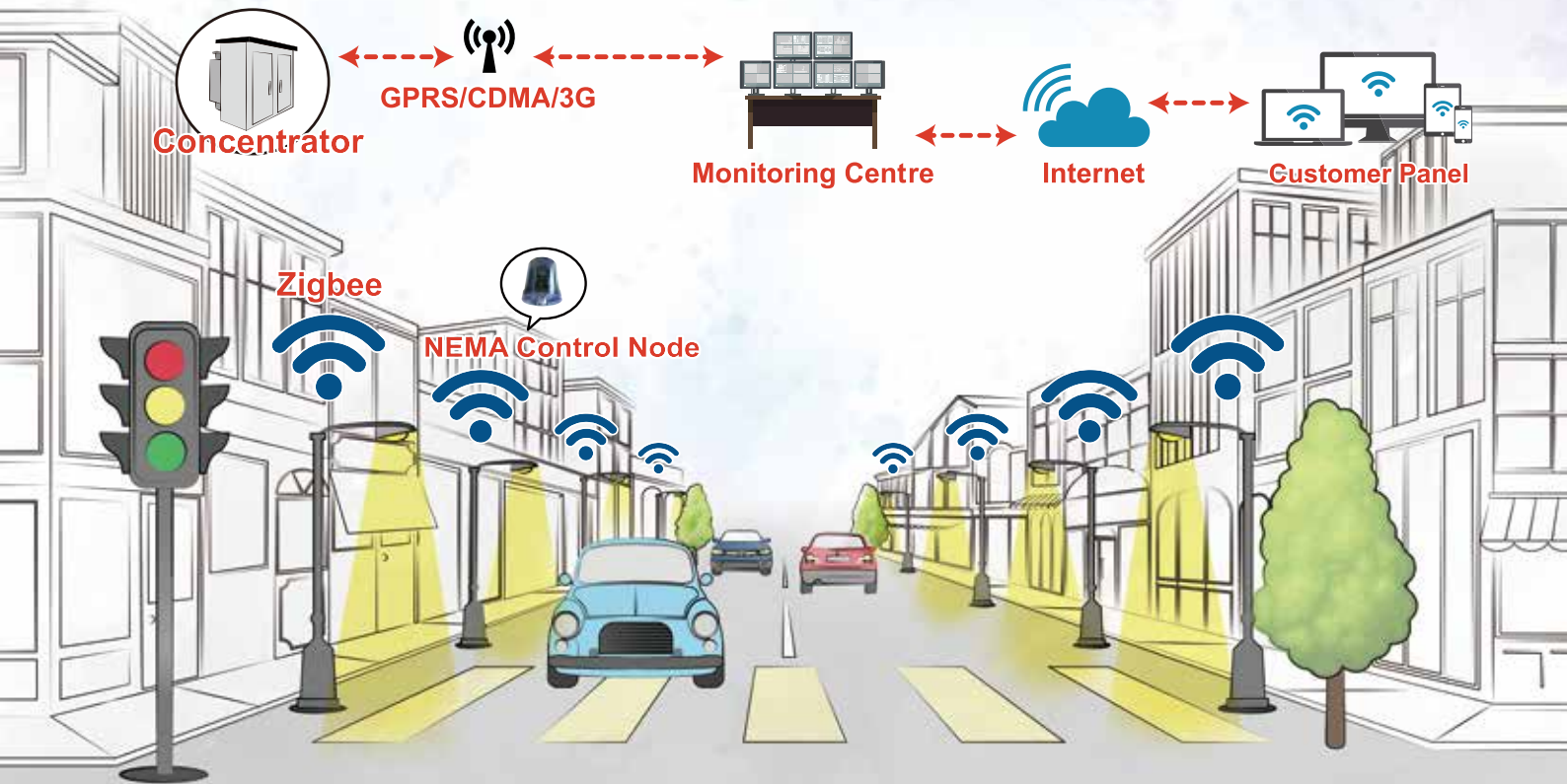
## Smart Lighting

A smart city incorporates the combination of IoT technology and information and communication technology (ICT) in a secure manner to manage a city's assets. Smart street lighting is a cornerstone for building smart cities where lighting is present in all technological segments: smart grids, smart buildings, smart infrastructures and smart mobility (smart vehicles and traffic control). Smart streetlighting make smart cities possible through the technology of sensors and load control through power electronics. It gives municipalities versatility in handling data, having useful of information and remotely controlling luminaires.

The operators may customize their maintenance schedule to track street lights from a device or smartphone: individually or in groups by streets or blocks. City planners can also adjust and schedule lights by dimming, ON or OFF at a given timeframe. NexusLED Intelligent series makes your lights easy to monitor and automate from anywhere, anytime.



# Smart Lighting Control System



## LED LIGHTING ADVANTAGES

Smart LED street lights can be applied to streets, roads, highways, bridges and carparks. LED street lights have a wide range of benefits since they are highly effective, long lasting and durable.

## STREET LIGHT CONTROLLER+HUB

NexusLED Intelligent Series street light controller enables LED street lights to become an intelligent network which connects to sensors, remote devices and cell phones. The controller provides centralised control and can be remotely upgraded and programmed

## LOW MAINTENANCE COSTS

Smart LED street lighting is a cost-effective and sustainable choice for cities today – and into the future. Remote management lowers maintenance costs and reduces operating expenses



# i-SLM - Smart lighting Series

Smart LED street lighting, i-SLM Series is a cost-effective and sustainable choice for cities today – and into the future. The entire system is efficient and simple to manage, maintain and monitor.



## Smart Controller

NexusLED Street Light Management Solution enables our customers to monitor and manage LED street lights on a single multi-purpose network

**AC Input:** 100 ~ 240Vac

**Surge Protection Device (SPD):** 20kA

**Colour Temperature:** 3000K (available 4000K, 5700K)

**Colour Rendering Index (CRI):** >70

**Beam Angle:** 45° x 155°

**Operating Temperature:** -30°C ~ +50°C

**Storage Temperature:** -20°C ~ +80°C

**Lifetime (typical):** 50,000 hours at ta 25°C

**Electrical Safety:** Class I

**LED Driver Compliant:** IEC, CE, SIRIM, JKR

**Heatsink material:** Aluminium Casting

**Luminaire Cover Material:** Clear Tempered Glass

**IP Rating:** IP66

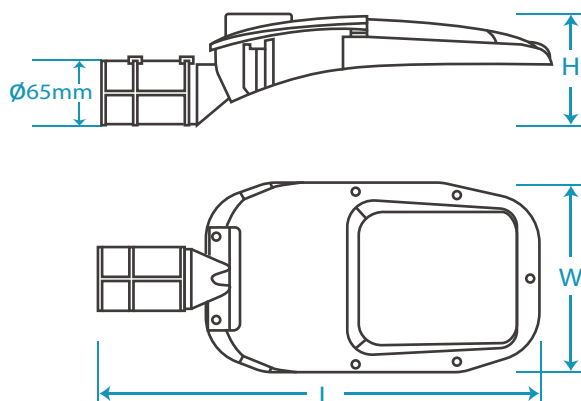
60%  
Energy  
Saving



50,000  
Hours at  
25°C



RoHS  
Compliance



## Features

- NEMA ready
- Suitable with IoT

## Benefits

- Energy savings, reduce energy costs
- Low maintenance costs
- High system efficacy with lower power consumption
- Easy and quick installation

## Application areas



| Details              | Model | i-SLM-060-FPN7  | i-SLM-090-FPN7  | i-SLM-120-FPN7  | i-SLM-150-FPN7  | i-SLM-180-FPN7  | i-SLM210-FPN7   |
|----------------------|-------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| System Power         |       | 60W ± 5%        | 90W ± 5%        | 120W ± 5%       | 150W ± 5%       | 180W ± 5%       | 210W ± 5%       |
| Initial Lumens       |       | 8,010 lm        | 11,220 lm       | 13,880 lm       | 16,630 lm       | 21,030 lm       | 23,870 lm       |
| Luminous Efficacy    |       | >120 lm/W       | >120 lm/W       | >120 lm/W       | >110 lm/W       | >110 lm/W       | >110 lm/W       |
| Size (L x W x H)(mm) |       | 526 x 240 x 160 | 526 x 240 x 160 | 622 x 292 x 122 | 700 x 305 x 178 | 700 x 305 x 178 | 700 x 305 x 178 |
| Weight               |       | 4.5kg           | 7.5kg           | 7.5kg           | 10.5kg          | 10.5k           | 10.5kg          |
| Photometry           |       |                 |                 |                 |                 |                 |                 |





## Smart Controller

NexusLED Street Light Management Solution enables our customers to monitor and manage LED street lights on a single multi-purpose network

**AC Input:** 90 ~ 305 Vac

**Surge Protection Device (SPD):** 20kA

**Colour Temperature:** 2850K~3250K

**Colour Rendering Index (CRI):** >70

**Beam Angle:** 45° x 155°

**Operating Temperature:** -30°C ~ +50°C

**Storage Temperature:** -30°C ~ +90°C

**LED Lumen Maintenance:** LM80

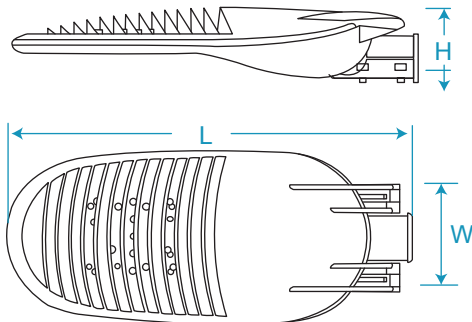
**Electrical Safety:** Class I

**LED Driver Compliant:** CE, IEC, SIRIM

**Heatsink material:** Aluminium Casting

**Luminaire Cover Material:** Clear Tempered Glass

**IP Rating:** IP66



## Application areas



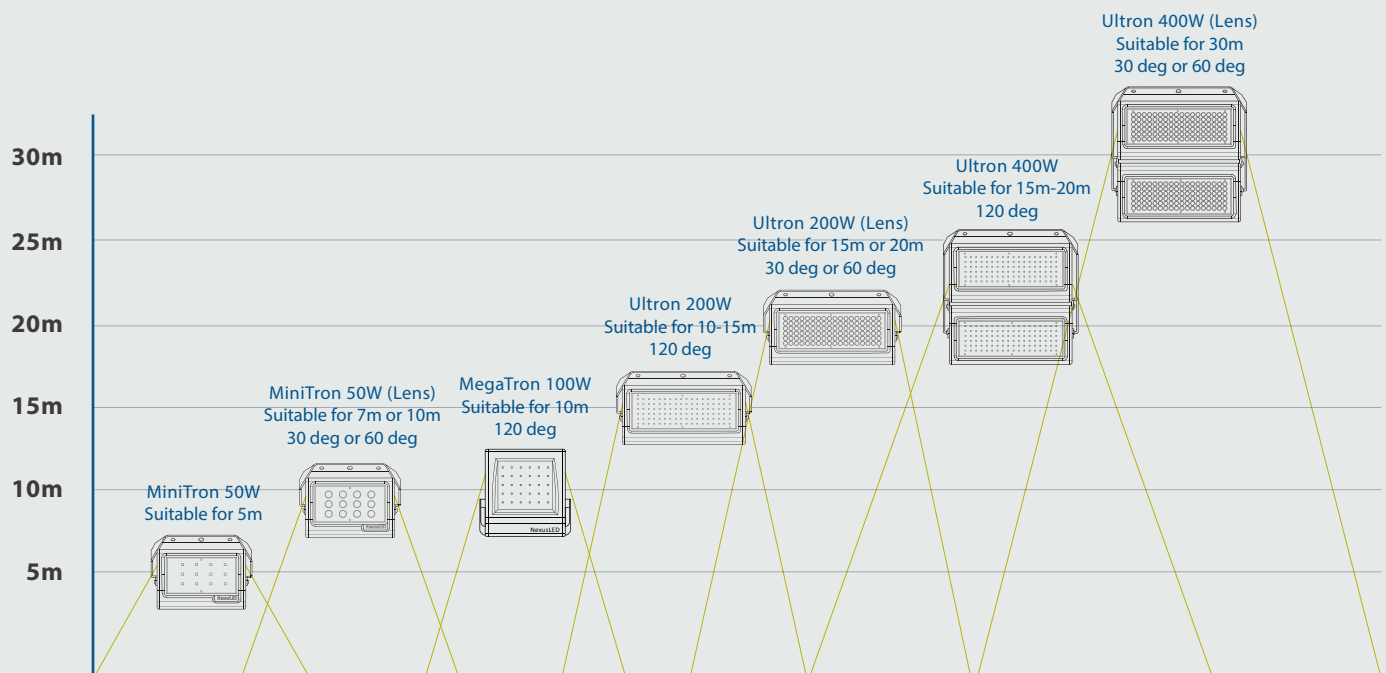
| Model                | i-SLK-060-FPN6       | i-SLK-090-FPN6        | i-SLK-120-FPN6        | i-SLK-150-FPN6        | i-SLK-180-FPN6       | i-SLK-210-FPN6        |
|----------------------|----------------------|-----------------------|-----------------------|-----------------------|----------------------|-----------------------|
| System Power         | 60W ± 5%             | 90W ± 5%              | 120W ± 5%             | 150W ± 5%             | 180W ± 5%            | 210W ± 5%             |
| LED Driving Current  | 1,600 mA (88mA /LED) | 2,100 mA (105mA /LED) | 2,100 mA (105mA /LED) | 2,000 mA (105mA /LED) | 2,400 mA (85mA /LED) | 2,800 mA (100mA /LED) |
| Number of LEDs       | 108 pcs (3030 LED)   | 140 pcs (3030 LED)    | 180 pcs (3030 LED)    | 280 pcs (3030 LED)    | 336 pcs (3030 LED)   | 336 pcs (3030 LED)    |
| Initial Lumens       | 8,830 lm             | 14,950 lm             | 19,220 lm             | 24,770 lm             | 29,730 lm            | 29,730 lm             |
| Hot Lumens           | 8,110 lm             | 11,420 lm             | 14,980 lm             | 20,140 lm             | 23,710 lm            | 23,710 lm             |
| Luminous Efficacy    | >129 lm/W            | >127 lm/W             | >121 lm/W             | >135 lm/W             | >133 lm/W            | >133 lm/W             |
| Size (L x W x H)(mm) | 622 x 292 x 122      | 622 x 292 x 122       | 622 x 292 x 122       | 846 x 368 x 135       | 846 x 368 x 135      | 846 x 368 x 135       |
| Weight               | 5.5kg                | 5.5kg                 | 5.5kg                 | 12.0kg                | 12.0kg               | 12.0kg                |
| Photometry           |                      |                       |                       |                       |                      |                       |

Outdoor Lighting

# LED Floodlight



## NexusLED Floodlights Application Guidelines



## LED MiniTron 50W - Suitable for 5m height (120 deg)

**NexusLED®**  
Simpler's Better

NexusLED Floodlights provide bright and even area lighting with maximum energy and cost savings - the least maintenance lighting solution.



**AC Input:** 100 ~ 240Vac

**System Power:** 50W +/-5W

**Luminaire Efficacy Rating (LER):** >100 lm/W

**Luminous Flux (Initial Lumens):** 5,000 lm

**Beam Angle:** 120°

**Correlated Colour Temperature:** 5700K (available in 3000K, 4000K)

**Colour Rendering Index (CRI):** >70

**Operating Temperature:** -20°C ~ +40°C

**Storage Temperature:** -20°C ~ +80°C

**Lumen Maintenance:** LM80

**Electrical Safety:** Class I

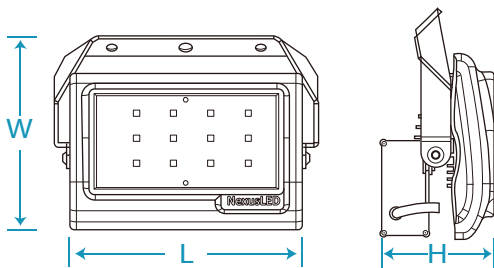
**Compliant:** IEC, SIRIM

**Weight:** 1.5kg

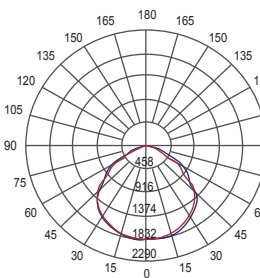
**Heatsink material:** Extruded Aluminium

**Luminaire Cover Material:** Clear Tempered Glass

**Size (L)x(W)x(H):** 189mmx156mmx77mm



Photometry



### Features

- Available in various beam angles
- Suitable for 5m height applications

### Application areas

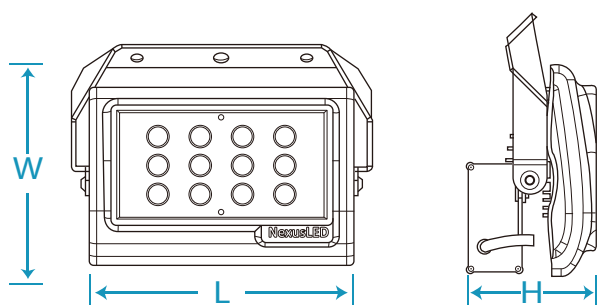
- Sign board lights
- Area Lightings
- Compound Lightings



# LED MiniTron with lens 50W - Suitable for 7m to 10m height (15 deg or 30 deg)



**AC Input:** 100 ~ 240Vac  
**System Power:** 50W +/-5W  
**Correlated Color Temperature:** 5700K (available in 3000K, 4000K)  
**Colour Rendering Index (CRI):** >70  
**Operating Temperature:** -20°C ~ +40°C  
**Storage Temperature:** -20°C ~ +80°C  
**Lumen Maintenance:** LM80  
**Electrical Safety:** Class I  
**Compliant:** IEC, SIRIM  
**Weight:** 1.5kg  
**Heatsink material:** Extruded Aluminium  
**Luminaire Cover Material:** Clear Tempered Glass  
**Size (L)x(W)x(H):** 189mmx156mmx77mm



## Features

- Available in various beam angles
- Suitable for **7m** or **10m** height applications

## Application areas

Sign board lights
Area Lightings
Compound Lightings

| Details                   | Model | FLT-MT50-C57-30 | FLT-MT50-C57-15 |
|---------------------------|-------|-----------------|-----------------|
| Luminaire Efficacy Rating |       | >110 lm/W       | >95 lm/W        |
| Luminous Flux             |       | 5,700 lm        | 4,860 lm        |
| Beam Angle                |       | 30°             | 15°             |
| Photometry                |       |                 |                 |

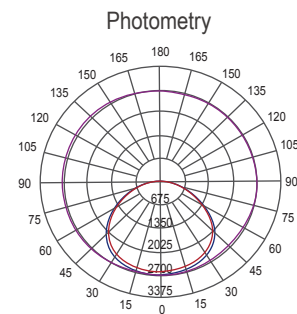
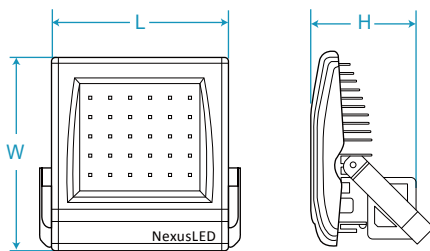


# LED MegaTron 100W - Suitable for 10m height (120 deg)

**NexusLED®**  
Simpler's Better



**AC Input:** 100 ~ 240 Vac  
**Luminaire Efficacy Rating (LER):** >80 lm/W  
**System Power:** 90W +/-5W  
**Luminous Flux:** 7,460lm  
**Beam Angle:** 120°  
**Operating Temperature:** -30°C ~ +50°C  
**Storage Temperature:** -30°C ~ +90°C  
**LED Lumen Maintenance:** LM80  
**Heatsink material:** Black Anodised Extruded Aluminium  
**Luminaire Cover Material:** Clear Tempered Glass  
**Body Colour:** Black  
**Electrical Safety:** Class II  
**Weight:** 2.6kg  
**Size (L) x (W) x (H) :** 224mm x 194mm x 71mm  
**Compliance:** IEC, SIRIM



## Features

- Light engine powered by mid-power LEDs
- Adjustable modular design
- Available in various light colours
- Suitable for 10m height applications

## Application areas

Buildings

Sport halls

Stadiums

### FLTM-100W-C12

Cool White (6000K - 7000K)

### FLTM-100W-F12

Warm White (2850K - 3250K)



# FLT-Ultrason with lens 200W - *Suitable for 15m to 20m height* (30 deg or 60 deg)

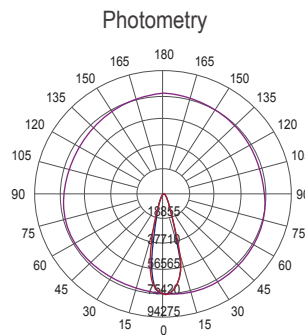
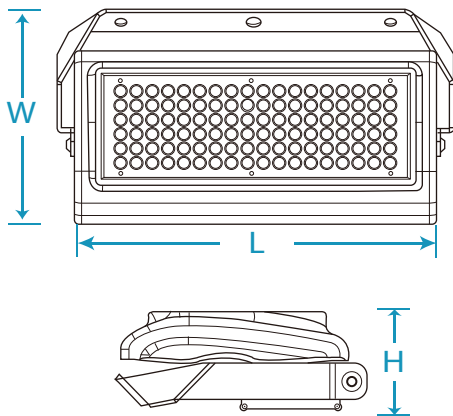


200W



Adjustable

**AC Input:** 90 ~ 305Vac  
**System Power:** 200W +/-10W  
**Number of LEDs:** 108pcs (5050 LED)  
**Luminaire Efficacy Rating (LER):** >140 lm/W  
**Luminous Flux (Initial Lumens):** 27,300 lm  
**Beam Angle:** 30°  
**Colour Rendering Index (CRI):** >70  
**Operating Temperature:** -30°C ~ +50°C  
**Storage Temperature:** -30°C ~ +90°C  
**Lumen Maintenance:** LM80  
**Electrical Safety:** Class I  
**Compliant:** CE, IEC, SIRIM  
**Heatsink material:** Extruded Aluminium  
**Luminaire Cover Material:** Clear Tempered Glass  
**Weight:** 6.0kg  
**Size (L)x(W)x(H):** 404mm x 226mm x 110mm



## Features

- Efficient secondary optical lens
- Modular design
- Available in 4 different beam angles
- To replace 400W Metal Halide
- IP66 for all weather
- Suitable for 15m or 20m height applications

## Application areas

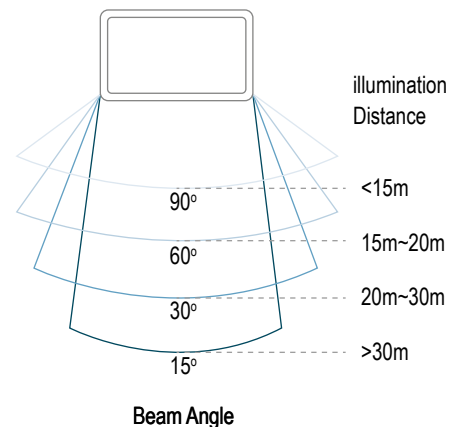
Buildings

Sport halls

Stadiums

Area Lightings

| Model             | Colour Temperature         |
|-------------------|----------------------------|
| FLTU-A200-C57-030 | Cool White (6000K - 7000K) |
| FLTU-A200-F30-030 | Warm White (2850K - 3250K) |



# FLT-Ultratron 200W - Suitable for 15m height (120 deg)

**NexusLED®**  
Simpler's Better

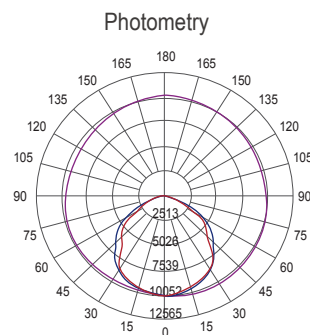
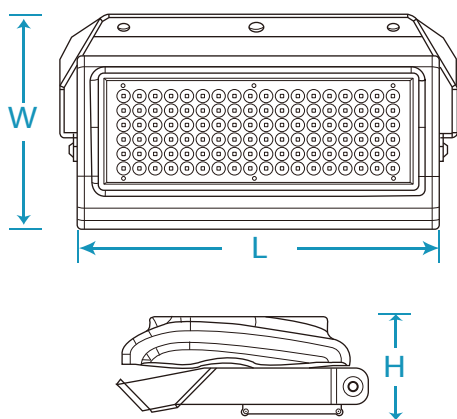


**200W**



Adjustable

**AC Input:** 100 ~ 240 Vac  
**System Power:** 200W +/-10W  
**Number of LEDs:** 108pcs (5050 LED)  
**Luminaire Efficacy Rating (LER):** >128 lm/W  
**Luminous Flux (Initial Lumens):** 25,800 lm  
**Beam Angle:** 120°  
**Colour Rendering Index (CRI):** >70  
**Operating Temperature:** -30°C ~ +50°C  
**Storage Temperature:** -30°C ~ +90°C  
**Lumen Maintenance:** LM80  
**Electrical Safety:** Class I  
**Compliant:** CE, IEC, SIRIM  
**Heatsink material:** Aluminum Extrusion  
**Luminaire Cover Material:** Clear Tempered Glass  
**Weight:** 6.0kg  
**Size (L)x(W)x(H):** 404mm x 226mm x 110mm



## Features

- Modular design
- To replace 400W Metal Halide
- IP66 for all weather
- Suitable for **15m** height applications

## Application areas

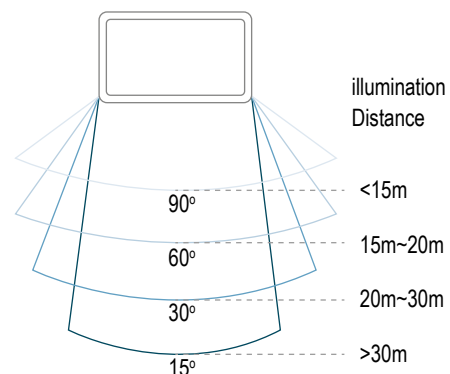
Buildings

Sport halls

Stadiums

Area Lightings

| Model             | Colour Temperature         |
|-------------------|----------------------------|
| FLTU-A200-C57-120 | Cool White (6000K - 7000K) |
| FLTU-A200-F30-120 | Warm White (2850K - 3250K) |



## FLT-Ultrason with lens 400W - Suitable 30m height (30 deg)



400W



**AC Input:** 90 ~ 305Vac

**System Power:** 400W +/-10W

**Number of LEDs:** 216pcs (5050 LED)

**Luminaire Efficacy Rating (LER):** >131 lm/W

**Luminous Flux (Initial Lumens):** 51,630 lm

**Beam Angle:** 30°

**Colour Rendering Index (CRI):** >70

**Operating Temperature:** -30°C ~ +50°C

**Storage Temperature:** -30°C ~ +90°C

**Lumen Maintenance:** LM80

**Electrical Safety:** Class I

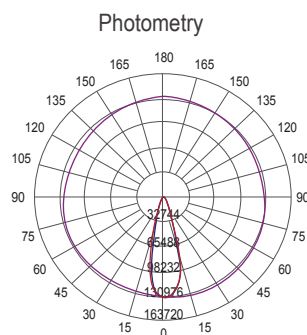
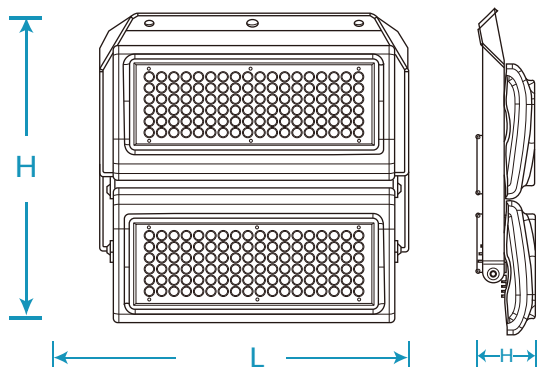
**Compliant:** CE, IEC, SIRIM

**Heatsink material:** Extruded Aluminium

**Luminaire Cover Material:** Clear Tempered Glass

**Weight:** 14.5kg

**Size (L)x(W)x(H):** 443mm x 448mm x 109mm



### Features

- Efficient secondary optical lens
- Modular design
- Available in 4 different beam angles
- To replace 800W Metal Halide
- IP66 for all weather
- Suitable for 30m height applications

### Application areas

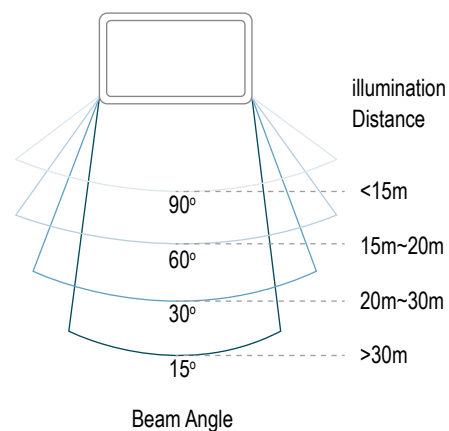
Buildings

Sport halls

Stadiums

Area Lightings

| Model             | Colour Temperature         |
|-------------------|----------------------------|
| FLTU-A400-C57-030 | Cool White (6000K - 7000K) |
| FLTU-A400-F30-030 | Warm White (2850K - 3250K) |





# FLT-Ultratron 400W - Suitable for 25m height (120 deg)

**NexusLED®**  
Simpler's Better



**AC Input:** 100 ~ 240Vac

**System Power:** 400W +/-10W

**Number of LEDs:** 216pcs (5050 LED)

**Luminaire Efficacy Rating (LER):** >130 lm/W

**Luminous Flux (Initial Lumens):** 54,430 lm

**Beam Angle:** 120°

**Colour Rendering Index (CRI):** >70

**Operating Temperature:** -30°C ~ +50°C

**Storage Temperature:** -30°C ~ +90°C

**Lumen Maintenance:** LM80

**Electrical Safety:** Class I

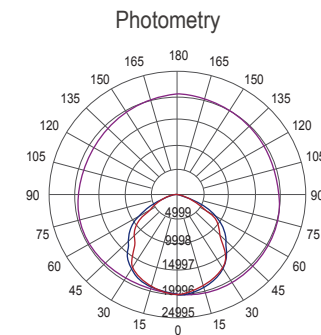
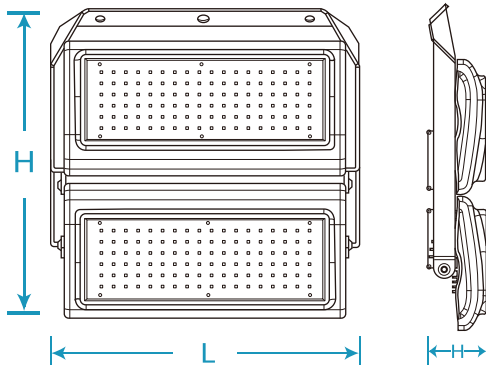
**Compliant:** CE, IEC, CB

**Heatsink material:** Extruded Aluminium

**Luminaire Cover Material:** Clear Tempered Glass

**Weight:** 14.5kg

**Size (L)x(W)x(H):** 443mm x 448mm x 109mm



## Features

- Modular design
- To replace 800W Metal Halide
- IP66 for all weather
- Suitable for 25m height applications

## Application areas

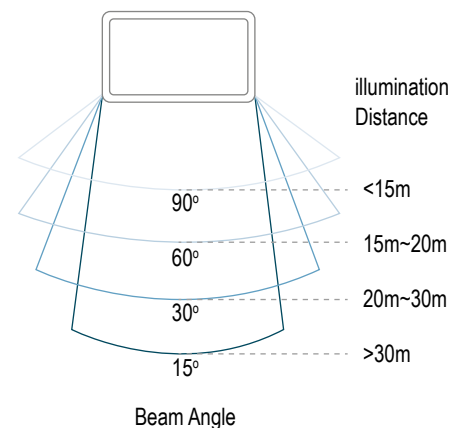
Buildings

Sport halls

Stadiums

Area Lightings

| Model             | Colour Temperature         |
|-------------------|----------------------------|
| FLTU-A400-C57-120 | Cool White (6000K - 7000K) |
| FLTU-A400-F30-120 | Warm White (2850K - 3250K) |



# NexusLED Industrial Lighting



Nexusled's industrial lighting series not only offers the primary reason such as energy and cost savings, but it also offers a conclusive and secure workplace atmosphere constructively. In fact, with our help on system design, enterprises easily accomplish environmental goals at the same time fulfilling the regulatory requirements.



# LED Highbay HB Series - 100W/150W

(Replaces 250W/320W Metal Halide)

**NexusLED®**  
Simpler's Better

Most companies are under constant pressure to lower operating costs in order to stay competitive in the market. Good lighting ensures optimal visual conditions, comfort and sense of safety while enabling huge energy savings. Good lighting products produce right amount of light at the right place ensure optimal returns on your lighting energy bill. NexusLED HB lighting system delivers attractive energy-efficient LED high bay lighting.



**AC Input:** 100 ~ 240Vac

**Luminaire Efficacy Rating (LER):** >110 lm/W

**Colour Temperature:** 6500K (available 3000K, 4000K)

**Colour Rendering Index (CRI):** >70

**Beam Angle:** 60° (optional 120°)

**Operating Temperature:** -25°C ~ +45°C

**Storage Temperature:** -25°C ~ +75°C

**LED Lumen Maintenance:** LM80

**Electrical Safety:** Class I

**LED Driver Compliant:** CE

**Weight:** 4.5kg

**Heatsink material:** Extruded Aluminium

**Luminaire Cover Material:** Clear Polycarbonate

**Size (Ø) X (H) :** 420mm x 490mm

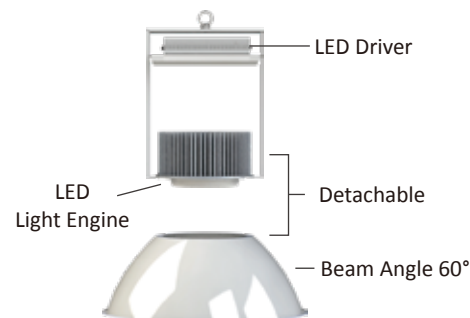
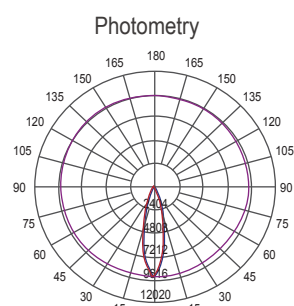
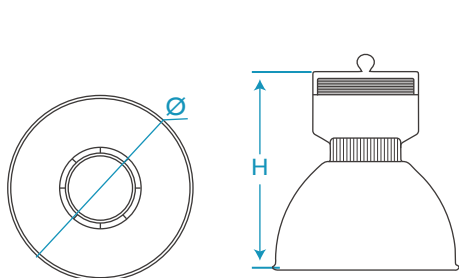


**Application areas**

Warehouses

Multipurpose halls

Covered walkways



| Details                        | Model | HB100C-C65-60 | HB150C-C65-60 |
|--------------------------------|-------|---------------|---------------|
| System Power                   |       | 100W +/-5%    | 150W +/-5%    |
| LED Driving Current            |       | 1,200 mA      | 2,300 mA      |
| Luminous Flux (Initial Lumens) |       | 11,000 lm     | 18,500 lm     |



# LED Highbay HB Series - 200W

(Replaces 400W Metal Halide)

Rare in the market that comes in 200W power with 26,000 initial lumens.



**AC Input:** 50 ~ 270Vac  
**System Power:** 200W +/-5%  
**Luminaire Efficacy Rating (LER):** >130 lm/w  
**Luminous Flux (Initial Lumens):** 26,000 lm  
**Colour Temperature:** 6000K~7000K  
**Colour Rendering Index (CRI):** >70  
**Beam Angle:** 90°  
**Operating Temperature:** -25°C ~ +35°C  
**Storage Temperature:** -25°C ~ +75°C  
**LED Lumen Maintenance:** LM80  
**Electrical Safety:** Class II  
**LED Driver Compliant:** CE, ENEC, Rohs  
**Weight:** 6.0kg  
**Heatsink material:** Extruded Aluminium  
**Luminaire Cover Material:** Clear Polycarbonate  
**Size (Ø) X (H) :** 486mm x 456mm

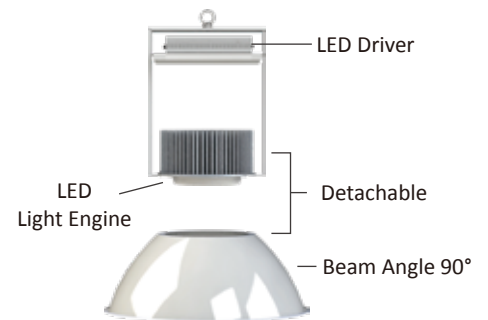
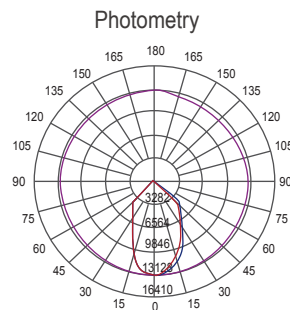
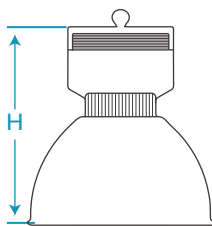
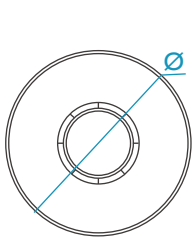


Application areas

Warehouses

Multipurpose halls

Covered walkways





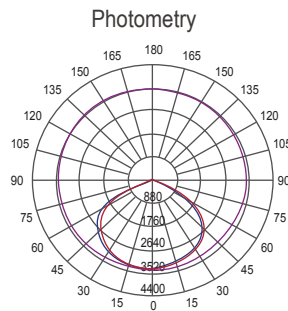
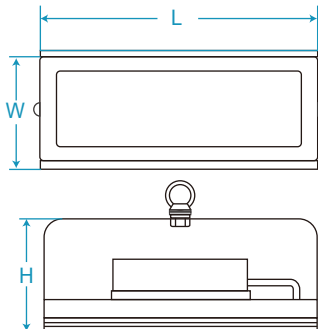
# LED Highbay Mega - 100W/200W (Replaces 250W/400W Metal Halide)

NexusLED®  
*Simpler's Better*

HBM is designed for various type of mounting applications such as recessed mounting, surface mounting or suspended mounting.



**AC Input:** 100 ~ 240Vac  
**Luminaire Efficacy Rating (LER):** >110 lm/W  
**Colour Temperature:** 6000K~7000K  
**Colour Rendering Index (CRI):** >70  
**Beam Angle:** 120°  
**Operating Temperature:** -25°C ~ +50°C  
**Storage Temperature:** -25°C ~ +70°C  
**LED Lumen Maintenance:** LM80  
**Electrical Safety:** Class I  
**LED Driver Compliant:** CB  
**Body Colour:** Black  
**Weight:** 4.5kg  
**Heatsink material:** Black Anodised Extruded Aluminium  
**Luminaire Cover Material:** Clear Tempered Glass  
**Size (L) x (W) x (H) :** 420mm x 490mm



## Application areas

Warehouses

Multipurpose halls

Covered walkways

Retail outlets



# LED Highbay UFO DOB - 100W/150W/200W

(Replaces 250W/320W/400W Metal Halide)

**Cost-Effective**



**50%**  
Energy  
Saving

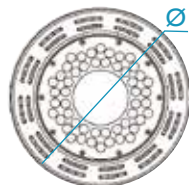
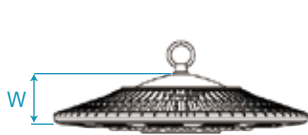
**IP65**

**50,000**  
Hours at  
25°C

**CE**

**RoHS**  
Compliance

**NO**  
Mercury or  
Toxic gas



**AC Input:** 220 ~ 240Vac

**Colour Temperature:** 6000K (available 3000K, 4000K)

**Colour Rendering Index (CRI):** >70

**Beam Angle:** 60°

**Operating Temperature:** -20°C ~ +45°C

**Storage Temperature:** -20°C ~ +80°C

**Lifetime (typical):** 50,000 hours at ta 25°C

**LED Lumen Maintenance:** LM80

**Electrical Safety:** Class I

**LED Driver Compliant:** Meet IEC, CE

**Heatsink material:** Aluminium

**Luminaire Cover Material:** Frosted PC Lens

**IP Rating:** IP65

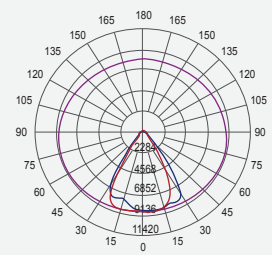
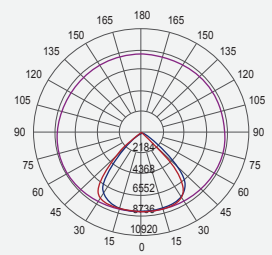
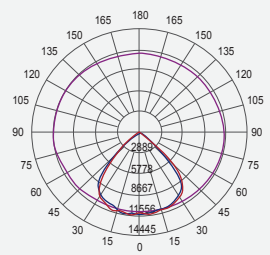
Application areas

Warehouses

Multipurpose halls

Covered walkways

Retail outlets

| Details                         | Model | HB-UFO-100W-C60-060-D   | HB-UFO-150W-C60-060-D  | HB-UFO-200W-C60-060-D   |
|---------------------------------|-------|---|--|---|
| System Power                    |       | 100W +/-5W  | 150W +/-5W   | 200W +/-20W   |
| Luminaire Efficacy Rating (LER) |       | >100 lm/W   | >105 lm/W  | >105 lm/W   |
| Luminous Flux (Initial Lumens)  |       | 9,500 lm  | 15,460 lm  | 20,520 lm   |
| Weight                          |       | 1.5kg   | 2.0kg  | 2.0kg   |
| Size (Ø) x (H)                  |       | 325mm x 80mm  | 360mm x 90mm   | 360mm x 90mm  |
| Photometry                      |       |  |  |  |





## Under Canopy Lighting

Efficient lighting not only enhances your brand image but it will also create an environment conducive for safety and comfort for your customers in your petrol station

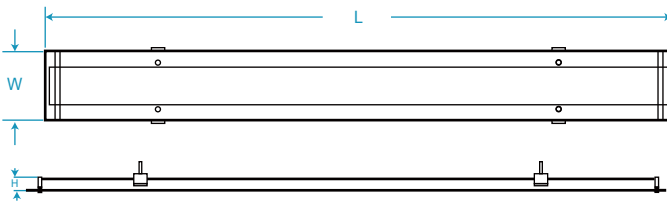


# Forecourt Under Canopy Downlight - FCL Series

FCL with luxeon LEDs offer optimum visual condition while enabling maximum energy savings for forecourt canopies light



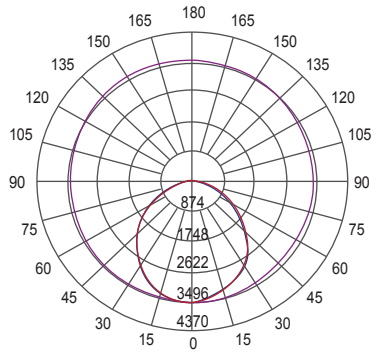
**AC Input:** 90 ~ 305Vac  
**System Power:** 70W +/-5W  
**Luminaire Efficacy Rating (LER):** >130 lm/W  
**LED Driving Current:** 1,100 mA  
**Luminous Flux (High Mode):** 9,100 lm  
**Color Temperature:** 5700k (available 3000k, 4000k)  
**Color Rendering Index (CRI):** >70  
**Beam Angle:** 120°  
**LED Lumen Maintenance:** LM80  
**Electrical Safety:** Class II  
**Compliant:** IEC, CE, RoHS  
**Weight:** 3.0kg  
**Heatsink material:** Aluminium Extrusion  
**Luminaire Cover Material:** Polycarbonate with UV  
**Size (L) x (W) x (H) :** 1200mm x 140mm x 31.5mm



## Application areas



## Photometry





# Under Canopy Downlight - CR500 option with sensor

**NexusLED®**  
Simpler's Better

The Luxeon LEDs used in recessed canopy downlights provide reliable and powerful bright light for clarity and safety in the forecourt with maximum energy savings



Dimmable version features a motion-detection sensor for further energy savings

**AC Input:** 90 ~ 305Vac  
**LED Driving Current:** 1,050 mA  
**Color Temperature:** 5700k (available 3000k, 4000k)  
**Color Rendering Index (CRI):** >70  
**Beam Angle:** 120°  
**Operating Temperature:** -30°C ~ +50°C  
**Storage Temperature:** -30°C ~ +80°C  
**Lifetime (typical):** 100,000 hours at Ta 25°C  
**LED Lumen Maintenance:** LM80  
**Electrical Safety:** Class I  
**IP Rated:** IP66, IK08  
**Heatsink material:** Extruded Aluminium  
**Luminaire Cover Material:** Clear Polycarbonate  
**Size (L) X (W) X (H):** 370mm x 370mm x 76mm  
**Compliant:** CB, IEC, CE

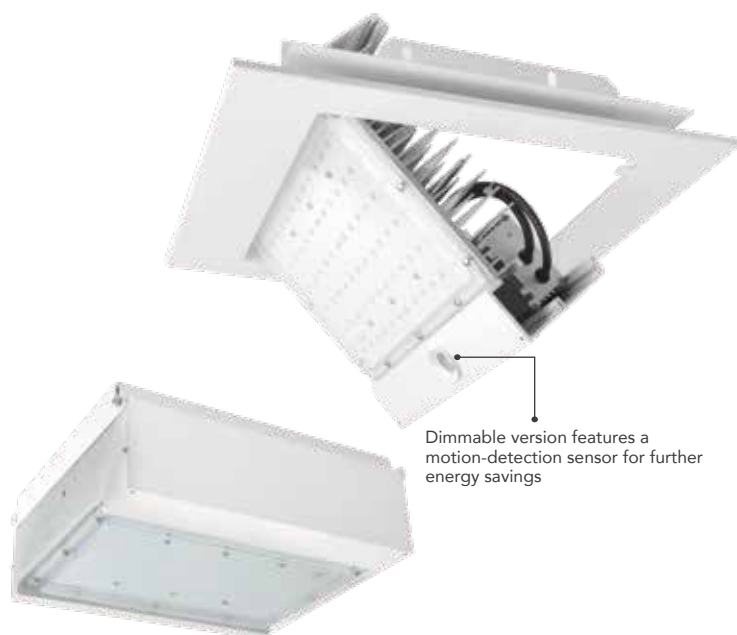


## Application areas

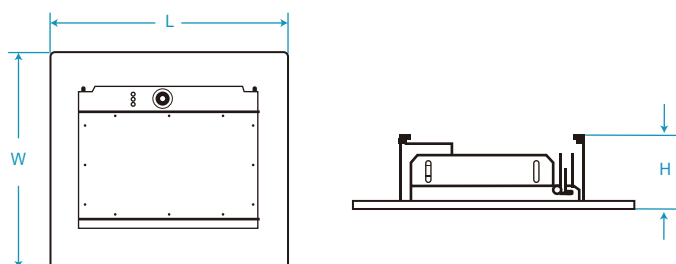
Service station canopies Multi purpose halls Workshops Factories Lobbies

| Details                            | Model | CR500-100-C57-120        | CR500-100-C57-120/S            |
|------------------------------------|-------|--------------------------|--------------------------------|
| System Power                       |       | 95W ± 5W                 | 95W ± 5W (HM) ; 30W ± 5W (LM)  |
| Luminous Flux                      |       | 14,255 lm                | 14,130 lm (HM) ; 4,820 lm (LM) |
| Weight                             |       | 4.50kg                   | 5.40kg                         |
| Photometry                         |       |                          |                                |
| Size (L) X (W) X (H)               |       | <br>370mm x 370mm x 76mm | <br>370mm x 370mm x 76mm       |
| Start Dimming When Motion Has Stop |       | -                        | Default 90 sec                 |
| Reached Low or High Mode in        |       | -                        | 5 sec                          |

# Under Canopy Downlight - BR700&BS700 option with sensor



**AC Input:** 90 ~ 305Vac  
**Color Temperature:** 5700k (available 3000k, 4000k)  
**Color Rendering Index (CRI):** >70  
**Beam Angle:** 120°  
**Operating Temperature:** -30°C ~ +50°C  
**Storage Temperature:** -30°C ~ +80°C  
**Lifetime (typical):** 100,000 hours at Ta 25°C  
**LED Lumen Maintenance:** LM80  
**Electrical Safety:** Class I  
**IP Rated:** IP66, IK08  
**Heatsink material:** Extruded Aluminium  
**Luminaire Cover Material:** Polycarbonate with UV  
**Compliant:** CB, CE, IEC, RoHS, SAA, RCM



## Features

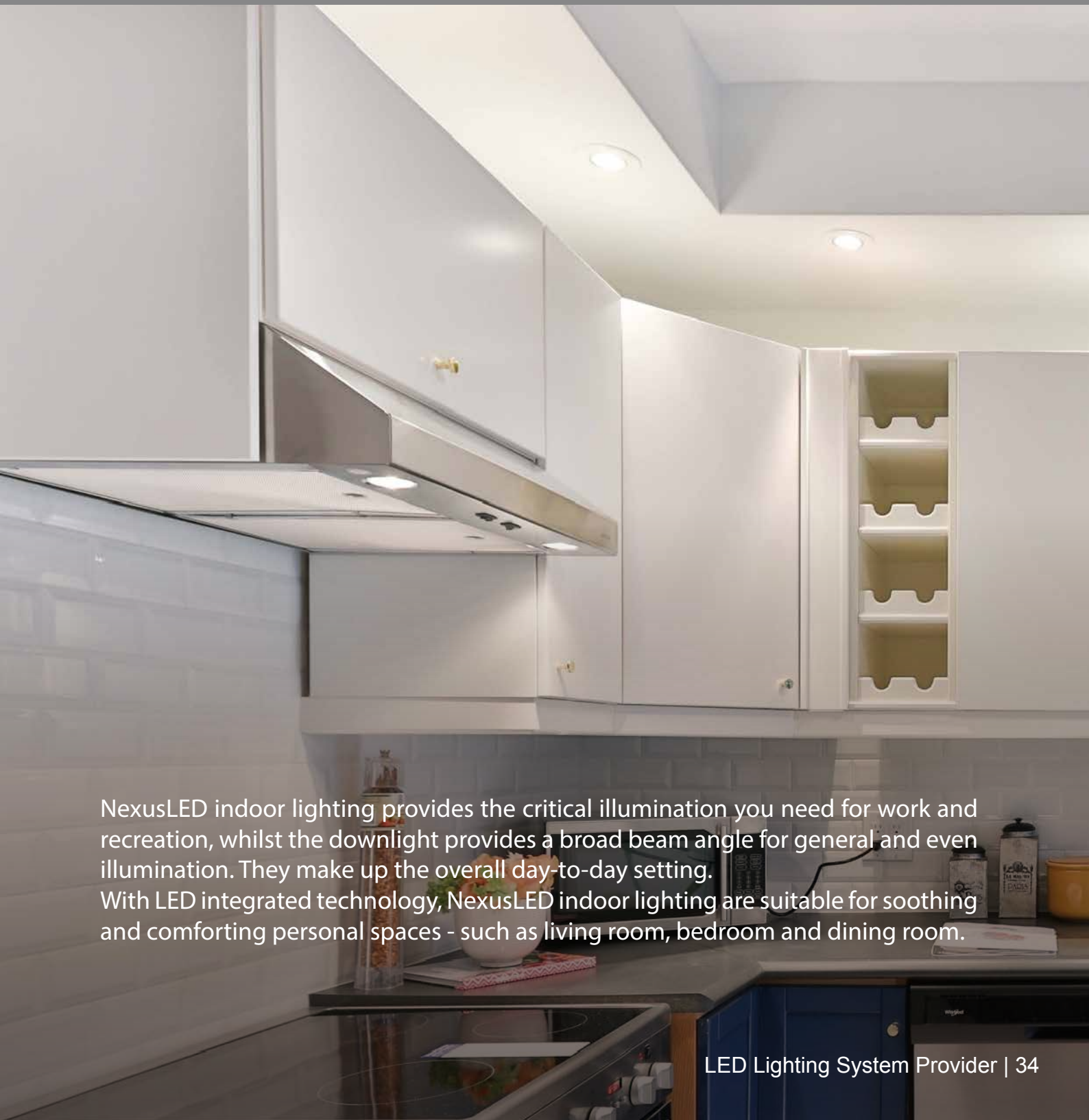
- Intelligent dimming system with motion sensing coverage
- Surface and recessed-mount fittings are available

## Application areas



| Model                     | BR700-100-C12<br>BS700-100-C12                                    | BR700-120-C12<br>BS700-120-C12                                    | BR700-140-C12<br>BS700-140-C12                                    | BR700-100-C12/S<br>BS700-100-C12/S                                | BR700-120-C12/S<br>BS700-120-C12/S                                | BR700-140-C12/S<br>BS700-140-C12/S                                |
|---------------------------|---|---|---|---|---|---|
| Detail                    |   |   |   |   |   |   |
| System Power              | 100W ± 5%   | 120W +/-5%  | 140W ± 5%   | 100W +/-5%  | 120W +/-5%  | 140W ± 5%   |
| Luminaire Efficacy Rating | >138 lm/W   | >136 lm/W   | >136 lm/W   | >138 lm/W   | >136 lm/W   | >136 lm/W   |
| LED Driving Current       | 2,100 mA  | 2,520 mA  | 2,830 mA  | 2,100 mA  | 2,520 mA  | 2,830 mA  |
| Luminous Flux             | 13,970 lm   | 16,520 lm   | 18,780 lm   | 13,970 lm (HM)<br>5,030 lm (LM)                                   | 16,520 lm (HM)<br>5,030 lm (LM)                                   | 18,780 lm (HM)<br>6,030 lm (LM)                                   |
| Size (L) X (W) X (H)      | BR700:<br>370mm x 370mm x 86mm<br>BS700:<br>288mm x 248mm x 106mm | BR700:<br>370mm x 370mm x 86mm<br>BS700:<br>288mm x 248mm x 106mm | BR700:<br>370mm x 370mm x 86mm<br>BS700:<br>288mm x 248mm x 106mm | BR700:<br>370mm x 370mm x 86mm<br>BS700:<br>288mm x 248mm x 106mm | BR700:<br>370mm x 370mm x 86mm<br>BS700:<br>288mm x 248mm x 106mm | BR700:<br>370mm x 370mm x 86mm<br>BS700:<br>288mm x 248mm x 106mm |
| Photometry                |   |   |   |   |   |   |

# Why Choose **NexusLED** Indoor Lighting



NexusLED indoor lighting provides the critical illumination you need for work and recreation, whilst the downlight provides a broad beam angle for general and even illumination. They make up the overall day-to-day setting. With LED integrated technology, NexusLED indoor lighting are suitable for soothing and comforting personal spaces - such as living room, bedroom and dining room.

# LED Panel Light Back-Lit Series

Nexusled Back-lit panel series are designed engineered to fit recessed ceiling systems with grid size ranging from 595x595mm up to 595x1195mm. These Back-lit panels are fitted with easy-access external drivers for extended flexibility. Selectable color temperature (Cool, Neutral, Warm) mode is also available upon request.



**AC Input:** 220-240V

**Color Rendering Index (CRI):** >80

**Beam angle:** 120°

**LED Lumen Maintenance:** LM80

**Luminaire Cover Material:** PS

**LED Driver:** Non flicker-free (Option- flicker-free)

**Compliant:** IEC, Sirim

**Electrical Safety:** Class I

**Color Temperature:** 3000±200K / 4000±300K / 6000±500K

**Housing material:** Aluminium

**Housing Color:** White

**IK Rating:** IK02

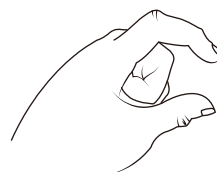
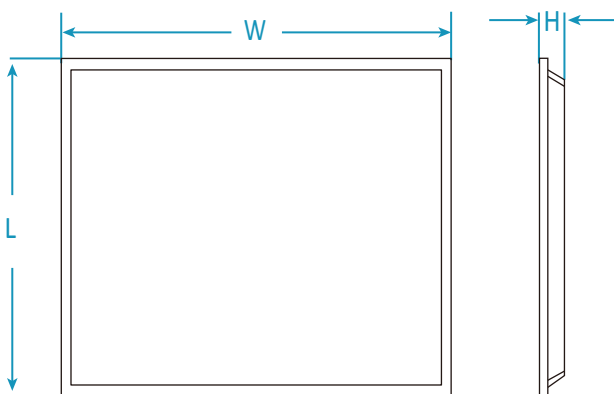
**IP Rating:** IP20

## Features

- Better light outlook
- Easy installation, one person to perform installation

## Benefits

- Minimum 60% energy savings
- Minimum maintenance
- Long usefull life, up to 50,000 hours



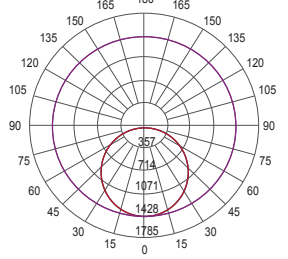
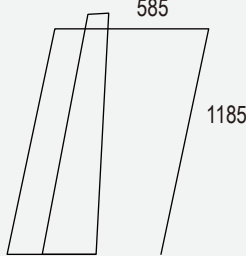
**Thincredible**



Weighing only 1.0kg~2.0kg per unit and only ~41mm thick!



## PL Back-lit Panel Specification

| Detail                          | Model | PL12030-36W-C60-120  | PL6060-36W-C60-120  | PL12060-60W-C60-120  |
|---------------------------------|-------|--|---|--|
| System Power                    |       | 36W+/-2W   | 36W+/-2W  | 60W+/-2W   |
| Luminous Flux (High Mode)       |       | 4,130 lm   | 4,130 lm  | 6,650 lm   |
| Luminaire Efficacy Rating (LER) |       | >110 lm/W  | >110 lm/W   | >105 lm/W  |
| LED Driving Current             |       | 900 mA   | 900 mA  | 1500 mA  |
| Weight                          |       | 1.2kg  | 1.0kg   | 2.0kg  |
| Size (L) X (W) X (H)            |       | 295mm x 1195mm x 41mm  | 595mm x 595mm x 41mm  | 595mm x 1195mm x 41mm  |
| Photometry                      |       |   |   |   |
| Cut-Out                         |       |  |  |  |

### Application areas

|         |                  |        |           |           |        |           |
|---------|------------------|--------|-----------|-----------|--------|-----------|
| Offices | Conference Rooms | Foyers | Elevators | Bathrooms | Garage | Corridors |
|---------|------------------|--------|-----------|-----------|--------|-----------|

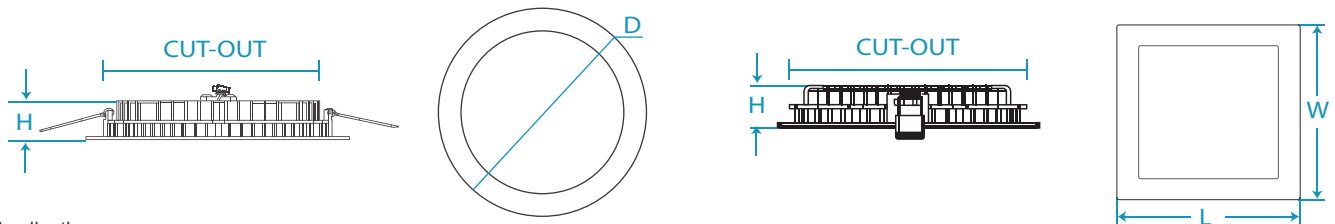


# LED Downlight - A Series

"A" series is suitable for indoor lighting applications such as retail stores, offices and homes. This series **comes with SIRIM QAS certification**. SIRIM QAS International is a nationally and internationally accredited and recognised certification, inspection and testing body in Malaysia.



**AC Input:** 220 ~ 240 Vac  
**No of LEDs:** 45pcs LED  
**Colour Temperature:** 2700K / 4000K / 6000K  
**Beam Angle:** 120°  
**Operating Temperature:** -20°C ~ +50°C  
**Storage Temperature:** -30°C ~ +80°C  
**LED Lumen Maintenance:** LM80  
**Heatsink material:** Casting with powder coat  
**Luminaire Cover Material:** Frosted PMMA  
**Body Colour:** White  
**Weight:** Approx. 0.25 kg  
**Electrical Safety:** Class II  
**Lifetime (typical):** 50,000 hrs @ Ta 25°C



Application areas

| Details                      | Model | DL6A ( Square / Round ) 12W              | DL6A ( Square / Round ) 20W |
|------------------------------|-------|--|-----------------------------|
| System Power                 |       | 12W ± 1W                                 | 20W ± 2W                    |
| LED Driving Current          |       | 250mA                                    | 400mA                       |
| Luminous Flux ( Hot Lumens ) |       | 1400lm   1300lm                          | 2300lm   2200lm             |
| Luminous Efficacy            |       | > 110lm/W   > 100lm/W                    | > 110lm/W   > 100lm/W       |
| Compliance                   |       | SIRIM, IEC                               | IEC                         |
| Size                         |       | Square: (L x W x H) 170mm x 170mm x 29mm | Round: (D x H) 170mm x 32mm |
| Cut Out Dimensions           |       | Square: 155mm x 155mm                    | Round: Ø155mm               |
| Photometry                   |       |  |                             |

# LED Downlight - TD Series

**NexusLED®**  
Simpler's Better

TD series comes with high system efficacy and great saving in energy cost - the most economical downlight solution.

Simple design yet conforms to general lighting specifications for indoor lighting applications such as offices, shops and homes.



**AC Input:** 220 ~ 240 Vac

**Power Factor:** >0.9

**Colour Temperature:** 2700K / 4000K / 6000K

**Beam Angle:** 120°

**Operating Temperature:** -20°C ~ +40°C

**Storage Temperature:** -20°C ~ +80°C

**Fixture Material:** Die Cast

**Heatsink material:** Casting with powder coat

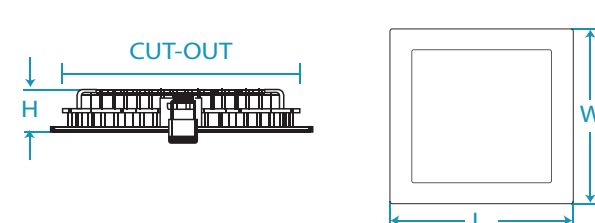
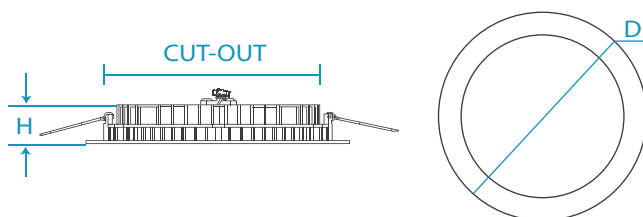
**Luminaire Cover Material:** Frosted PMMA

**Body Colour:** White

**Weight:** Approx. 0.25 kg

**Electrical Safety:** Class II

**Lifetime (typical):** 50,000 hrs @ Ta 25°C



Application areas



| Details                      | Model | TD4R/TD4S                           |           |         | TD6R/TD6S                           |          |         | TD8R/TD8S                           |          |         |
|------------------------------|-------|-------------------------------------|-----------|---------|-------------------------------------|----------|---------|-------------------------------------|----------|---------|
| System Power                 |       | 12W ± 1W                            |           |         | 15W ± 1W                            |          |         | 26W ± 1W                            |          |         |
| Forward Current              |       | 150mA                               |           |         | 270mA                               |          |         | 150mA                               |          |         |
| LED Count                    |       | 27 pcs LED                          |           |         | 45 pcs LED                          |          |         | 80 pcs LED                          |          |         |
| CCT                          |       | 6000K                               | 4000K     | 3000K   | 6000K                               | 4000K    | 3000K   | 6000K                               | 4000K    | 3000K   |
| Luminous Flux ( Hot Lumens ) |       | 1000lm                              | 1000lm    | 950lm   | 1500lm                              | 1500lm   | 1400lm  | 2600lm                              | 2600lm   | 2400lm  |
| Luminous Efficacy            |       | >100lm/W                            | >100 lm/W | >95lm/W | >100lm/W                            | >100lm/W | >95lm/W | >100lm/W                            | >100lm/W | >95lm/W |
| Size                         |       | 120mm x 29mm / 120mm x 120mm x 32mm |           |         | 170mm x 29mm / 170mm x 170mm x 32mm |          |         | 225mm x 29mm / 225mm x 225mm x 32mm |          |         |
| Cut Out Dimensions           |       | Ø108mm / 108mm x 108mm              |           |         | Ø155mm / 155mm x 155mm              |          |         | Ø205mm / 205mm x 205mm              |          |         |
| Photometry                   |       |                                     |           |         |                                     |          |         |                                     |          |         |

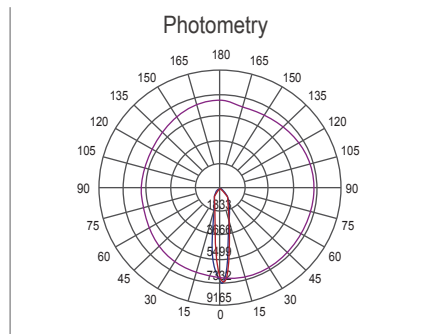
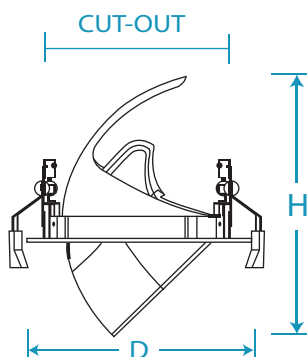
# LED Downlight - E Series

"E" Series LED Downlights provide accent lighting with good colour rendering and high uniformity, suitable for shelving lighting. These are directional lighting, basically functioning as low wattage spotlights commonly used in retail shops and showrooms.

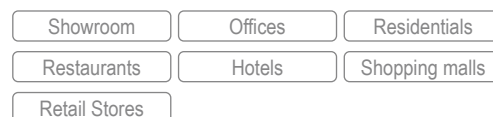


Adjustable 15°

**AC Input:** 220 ~ 240 Vac  
**Power Factor:** >0.9  
**Forward Current:** 300mA  
**Beam Angle:** 36°  
**Luminous Efficacy:** >100lm/W  
**Operating Temperature:** -20°C ~ +40°C  
**Storage Temperature:** -20°C ~ +80°C  
**LEDs:** Citizen (Japan) / equivalent  
**Heatsink material:** Aluminium  
**Fixture Material:** Die Cast  
**Luminaire Cover Material:** Glass  
**Lifetime (typical):** 50,000 hrs @ Ta 25°C



## Application areas



| Details              | Model | DL-E3-F8      | DL-E4-F12     | DL-E5-F12     | DL-E6-F30     |
|----------------------|-------|---------------|---------------|---------------|---------------|
| System Power         |       | 8W            | 12W           | 20W           | 30W           |
| Initial Lumens       |       | 800lm         | 1200lm        | 2000lm        | 3000lm        |
| Size (D x H)         |       | 110mm x 108mm | 145mm x 145mm | 170mm x 160mm | 190mm x 160mm |
| Cut Out Diameter (D) |       | 95mm          | 130mm         | 155mm         | 175mm         |





# LED Downlight - HD Series

**NexusLED®**  
Simpler is Better

HD series LED Downlights are an energy efficient adjustable downlights. The series comes with not only high system efficacy, but aesthetically pleasing as well. Perfect for basic directional spotlight applications in the retail sector.



**AC Input:** 220 ~ 240 Vac  
**Power Factor:** >0.9  
**Forward Current:** 300mA  
**Beam Angle:** 36°  
**Luminous Efficacy:** >100lm/W  
**Operating Temperature:** -20°C ~ +40°C  
**Storage Temperature:** -20°C ~ +80°C  
**LEDs:** Citizen (Japan) / equivalent  
**Fixture Material:** Die Cast  
**Heatsink material:** Aluminium  
**Luminaire Cover Material:** Glass  
**Lifetime (typical):** 50,000 hrs @ Ta 25°C

**60%**  
Energy  
Saving

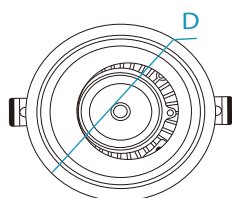
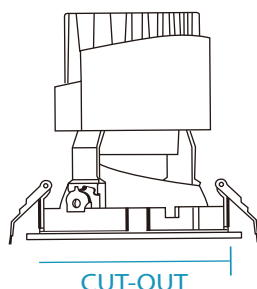
**IP20**

**50,000**  
Hours at  
25°C

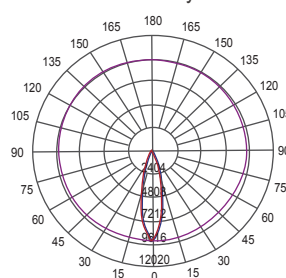
**CE**

**RoHS**  
Compliance

**NO**  
Mercury or  
Toxic gas



Photometry



Application areas

|               |                |
|---------------|----------------|
| Showroom      | Offices        |
| Restaurants   | Hotels         |
| Retail Stores | Shopping malls |
| Residential   |                |

| Details              | Model | DL-HD2-F2 | DL-HD3-F12 | DL-HD4-F20 | DL-HD5-F30 |
|----------------------|-------|-----------|------------|------------|------------|
| System Power         |       | 8W        | 12W        | 20W        | 30W        |
| Initial Lumens       |       | 800lm     | 1200lm     | 2000lm     | 3000lm     |
| Size (D)             |       | 90mm      | 110mm      | 140mm      | 165mm      |
| Cut Out Diameter (D) |       | 75mm      | 95mm       | 125mm      | 150mm      |

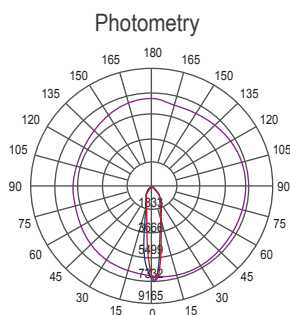
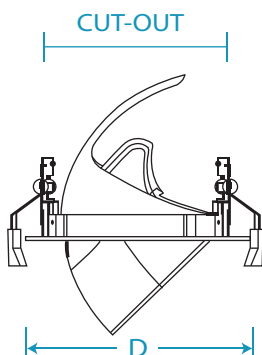


# LED Downlight - S Series

"S" series LED Downlights are designed for use as directional lighting with narrow beam angles and good colour rendering with high uniformity.



**AC Input:** 220 ~ 240 Vac  
**Power Factor:** >0.9  
**Forward Current:** 300mA  
**Beam Angle:** 24°  
**Luminous Efficacy:** >100lm/W  
**Operating Temperature:** -20°C ~ +40°C  
**Storage Temperature:** -20°C ~ +80°C  
**LEDs:** Citizen (Japan) / equivalent  
**Heatsink material:** Aluminium  
**Fixture Material:** Die Cast  
**Luminaire Cover Material :** Glass  
**Lifetime (typical):** 50,000 hrs @ Ta 25°C



## Application areas



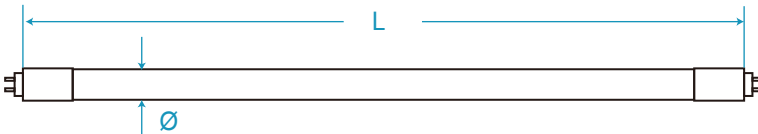
| Details          | Model | S3     | S5     | S7     | S9     |
|------------------|-------|--------|--------|--------|--------|
| System Power     |       | 10W    | 18W    | 24W    | 30W    |
| Initial Lumens   |       | 1000lm | 1800lm | 2400lm | 3000lm |
| Size(D)          |       | 110mm  | 140mm  | 160mm  | 180mm  |
| Cut-Out Diameter |       | 95mm   | 125mm  | 145mm  | 165mm  |



# LED Greentube - T8

Greentube provides high quality light comparable to conventional fluorescent and delivers the immediate benefits of LED lighting technology. With its simple design, it is easy to install in any location.

**AC Input:** 200 ~ 240Vac  
**System Power:** 18W +/-5%  
**Color Rendering Index (CRI):** >80  
**Operating Temperature:** -20°C ~ +40°C  
**Storage Temperature:** -20°C ~ +80°C  
**Lifetime (typical):** 40,000 hours at ta 25°C  
**Usage:** 12 hours a day  
**LED Lumen Maintenance:** LM80  
**Electrical Safety:** Class II  
**Compliant:** CE  
**Weight:** 250g  
**Luminaire Material:** Frosted Polycarbonate  
**Size(L) X (Ø) :** 1198mm x 26mm



## Application areas

|                 |                |            |
|-----------------|----------------|------------|
| Homes           | Offices        | Car parks  |
| Covered walkway | Shopping malls | Warehouses |

| Details                      | Model | RS-PVN-4FT-18W-CW-PC           | RS-PV-4FT-18W-CW-PC        |
|------------------------------|-------|--------------------------------|----------------------------|
| Luminous Flux ( Hot Lumens ) |       | 1,800lm                        | 2,300lm                    |
| Luminous Efficacy            |       | >100 lm/W                      | >120 lm/W                  |
| Colour Temperature           |       | 6500k (available 3000k, 4000k) | Warm White (2850K - 3250K) |
| Beam Angle                   |       | 180°                           | 300°                       |





Designed and Manufactured By:

**NexusLED Green Technology Sdn. Bhd.** (893555-V)

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