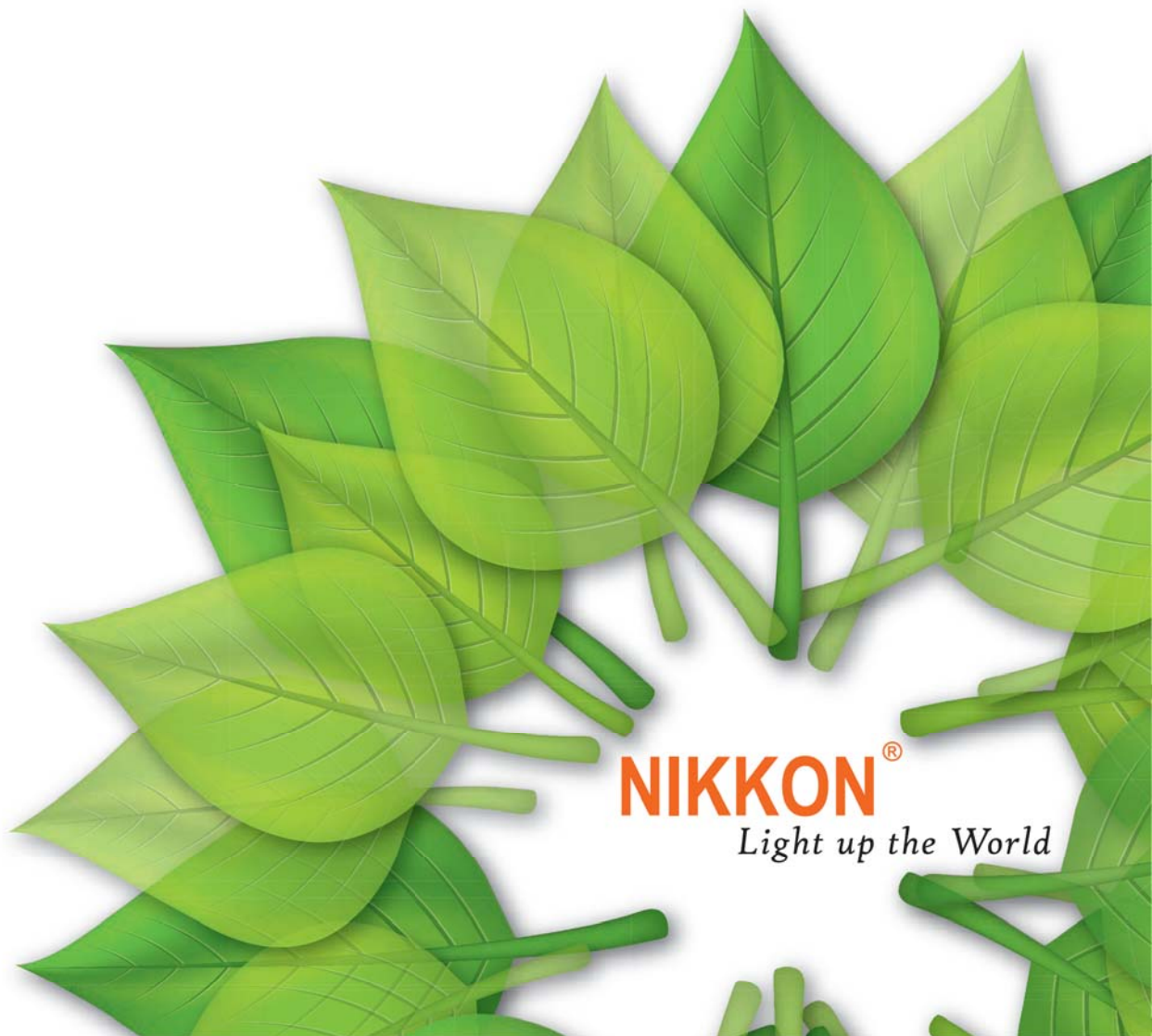


LEDXION

LED LIGHTING



NIKON®
Light up the World

ABOUT US

Success Electronics & Transformer Manufacturer (SUCCESS) is a well known lighting and low-voltage transformer manufacturer based in Malaysia. It is wholly owned by Success Transformer Corporation Bhd, which is listed on Malaysia's securities exchange, Bursa Malaysia. The company was established since 1980, with the accreditations of ISO9001:2008 Quality Management System Standards certification.

SUCCESS is the specialist in both lighting and transformers, in which the expertise lies in the design, integration, manufacture and supply of the premium quality products. Currently, **SUCCESS** has over 1000 distributors throughout Malaysia and export to more than 50 countries around the world. It is our intention to continue expanding our role as a reliable, dynamic and important player both in Malaysia and overseas.

We have a committed and dynamic workforce. From management through technical and Research & Development (R&D) engineers to sales and support staff, we all work as one team with the same goal in mind: Customer satisfaction. This has engendered a loyal customer base. Many of our customers are longstanding indeed, having continued doing business with us since the 1980s.

Constantly forging ahead, we are dedicated to improving our products and customer service.

WHY CHOOSE SUCCESS?

First class manufacturing facilities and resources. We invest considerable amount of money upgrading equipments and laboratory testing facilities, enabling us to better test the performance of our lighting and design products before releasing them into the market. In this way we ensure, and maintain quality of the highest standard. The laboratory is equipped with Goniophotometric and Spectroradiometric systems that enable us to fully test energy efficient lighting in order to comply with the GREEN ENERGY product category standard. The laboratory also has a dust chamber, water-proof tester, humidity tester and salt fog corrosion tester.

Products are constantly upgraded, and new products innovated, to offer customers a wider range of lighting.

The research and development team is currently looking into renewable (such as solar, pico hydro and wind) energy products and energy efficient industrial lighting products.

We are a one-stop lighting manufacturer

We can provide custom-made energy efficient luminaire designs, using the skills of our well experienced staff and full state-of-the-art testing lab facilities. We use this expertise and top of the range software and equipment to provide comprehensive lighting design simulations for our customers or lighting consultants, according to their specific needs. We can simulate all kinds of designs for all kinds of situations producing lifelike renderings so that customers can see as realistically as possible what the design or area looks like.

We are an Original Design Manufacturer (ODM)

We design and manufacture products for customers under their own brands.

We are an Original Equipment Manufacturer (OEM)

We manufacture products for customers according to their designs, under their own brands.

Knowledgeable and professional sales team

We provide good customer support and after-sales service.



NIKKON[®] LEDXION

OUR APPROACH : YOUR SOLUTION

ADVANTAGES OF LED LIGHT

The future of outdoor lighting is in LEDs. The many benefits of LED light in applications from outdoor architectural lighting to flashlights to emergency vehicle lighting are well established. The benefits of LED light in those applications apply to outdoor lighting as well:

LONG LIFETIME & LUMEN MAINTENANCE

Philips Lumileds Luxeon Rebel ES LED maintains over 70% of the original luminous flux at 50,000 hours (LM 80 compliance) - long after conventional outdoor light sources have burned out.

LED LIGHT IS DIRECTIONAL

HID based light fixtures waste approximately 20~50 percent of the light generated due to the lack of directionality of the light source. LED - based fixtures overcome this handicap by making use of directional point light source.

EFFICIENT THERMAL MANAGEMENT

Good thermal management is key to longevity. Each LED module mounted to individual heat sink to ensure LED is operating at ideal temperature and for easy scalability in design.

ENVIRONMENTAL FRIENDLY

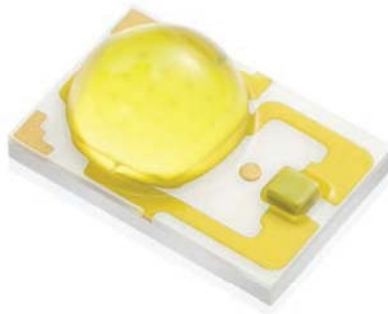
Unlike many conventional lighting technologies, LEDs contain neither mercury nor heavy metal. Not only the LEDs are better for the environment during their operational life but the disposal of LEDs will not further pollute our world's landfills with hazardous waste.



ECO FRIENDLY SOLUTION WITH NIKKON LEDXION LED MODULE

THE RIGHT LED

To meet today's general lighting requirement, NIKKON work with premier top tier LED supplier from around the world. Our primary LED partner, Philips LUMILEDS control all aspects of its LED manufacturing, from wafer fabrication to final LED package Philips LUMILEDS ensures the finest possible core light unit.



MINIMIZE MAINTENANCE & SERVICES COSTS

With 50,000 hours rated life at 70% lumen maintenance LED operate 4.2X longer than traditional HID solutions.

HEAT SINK

Proper thermal management is the key to longevity. Each LED module is mounted to heat sink ensuring LED is operating at an ideal temperature & effectively at moving heat away from LED & PCB.

MODULAR LED

Design to grow with LED technology, you can select the desire number of LED module to achieve the target output. Individual LED module consists of an array of LED and easy scalability in design.

LESS INSECT ATTRACTION WITH NO UV LIGHT SOURCE

No UV region (below 380nm) is emitted from LED light source thus attraction of insects are drastically reduced compared to mercury lamp or standard metal halide lamp.

SCALABILITY IN LED MODULAR

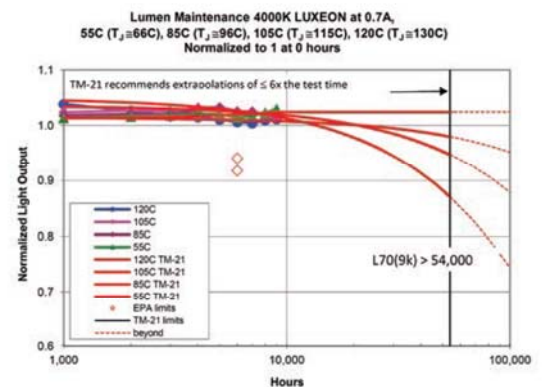


CERAMIC PCB

Excellent thermal conductivity ceramic PCB was used to reduce the thermal conductive expansion mismatch issue and solder stress. Silver PC was applied for best electric conductivity.

STAY BRIGHT WITH HIGH LUMEN MAINTENANCE

Industry best lumen maintenance - 50,000 hours life at 700mA with 70% lumen maintenance tested under IESNA LM-80 standard.



HIGH JUNCTION TEMPERATURE

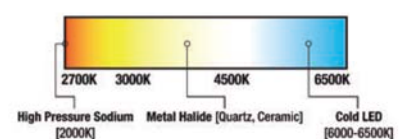
Industry leading junction temperature, 150°C

OPTIC TECHNOLOGY

Lens is a direct contact refractor sealed to LED dome with combination of premium lens material delivers up to 95% optical efficiency.

GOLD WHITE LED LIGHT SOURCE

Typical LED solutions standardize on a cold blue 6000 - 6500K correlated color temperature (CCT) to maximize lumen output. Philips LUMILEDS provide warm light at a standard 5300K CCT with no sacrifice in lumen output.



NIKKON® LEDXION LED MODULE

THE RIGHT LED

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PHILIPS
LUMILEDS
TECHNICAL DATA

FEATURES

- Minimize maintenance & services costs
- Less insect attraction with No UV light source
- Stay bright with high lumen maintenance
- Industry leading junction temperature, 150°C
- Proper thermal management with integrated heat sink
- Superior optic technology

APPLICATION

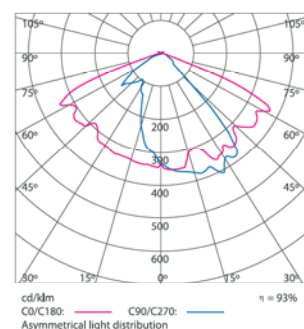
- Street Lightings
- Highbay & Lowbay Lightings
- Landscape Lightings
- Floodlights
- Area Lightings

Model Code	Number of LEDs	Voltage (Vdc)	Current (mA)	Power (w)	Viewing Angle (°)	Tc (°C)	Operating Temp. (°C)	Colour Temp. (K)	Lum. Flux (lm)	Order Code
LED Module 30W-Horizontal	14	42 ~ 44	700	30	ASY 140	70	-30 ~ 50	5300/3500	3080	P1153ES-14S01H1N-H011-B1C1-XX
LED Module 30W-Vertical	14	42 ~ 44	700	30	ASY 140	70	-30 ~ 50	5300/3500	3080	P0653ES-14S01V1N-H011-B1C1-XX
LED Module 30W-Narrow	14	42 ~ 44	700	30	40	70	-30 ~ 50	5300/3500	3080	P1053ES-14S03U1N-H011-B1C1-XX
LED Module 30W-Universal	14	42 ~ 44	700	30	90	70	-30 ~ 50	5300/3500	3080	P1053ES-14000NAN-H011-B1C1-XX
LED Module 40W-Horizontal	18	54 ~ 56	700	38	ASY 140	70	-30 ~ 50	5300/3500	3960	P0953ES-18S01H1N-H021-B1C1-XX
LED Module 40W-Vertical	18	54 ~ 56	700	38	ASY 140	70	-30 ~ 50	5300/3500	3960	P1253ES-18S01V1N-H021-B1C1-XX
LED Module 40W-Narrow	18	54 ~ 56	700	38	40	70	-30 ~ 50	5300/3500	3960	P1353ES-18S03U1N-H021-B1C1-XX
LED Module 40W-Universal	18	54 ~ 56	700	38	90	70	-30 ~ 50	5300/3500	3960	P1353ES-18000NAN-H021-B1C1-XX

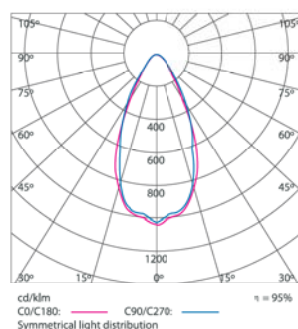
PHOTOMETRIC

LED Module - Horizontal

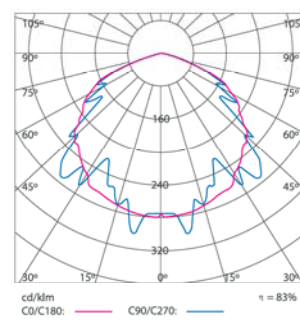
LED Module - Vertical



LED Module - Narrow (51°)

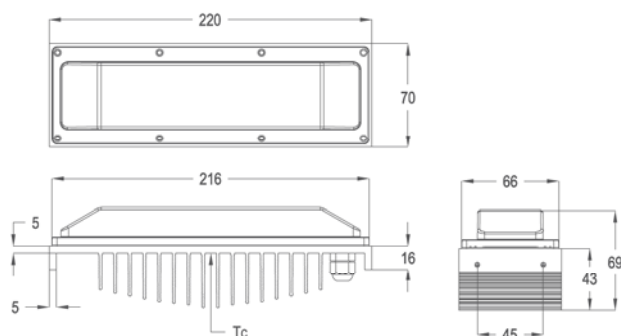


LED Module - Universal (90°)

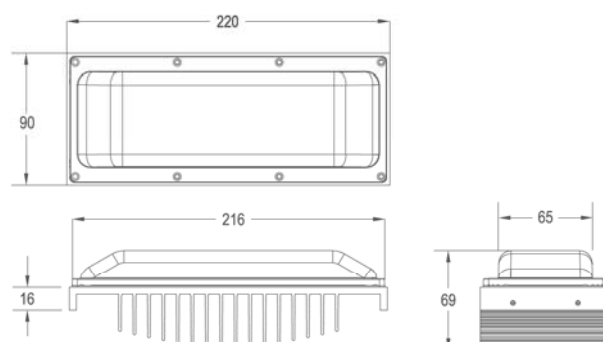


DIMENSION

LED Module 30W



LED Module 38W



Note: Specifications are subject to change without prior notice.
: 19° & 80° beam angles available upon request.

LEDXION S439 SERIES

30W, 40W, 60W LED STREET LANTERN

LED TECHNICAL DATA

Typical Luminous Flux & Efficiency @ 350 mA:

- 144lm

Max Junction Temperature:

- 150°C

Color Temperature:

- 3500K Warmwhite & 5300K Daylight

LED Life Cycle:

- 50,000 hrs

LUMINAIRE TECHNICAL DATA

LED Light Source:

- 1 LED Module x 14 LUMILEDS LUXEON Rebel ES (30W)
- 1 LED Module x 18 LUMILEDS LUXEON Rebel ES (40W)
- 2 LED Modules x 14 LUMILEDS LUXEON Rebel ES (60W)

Housing Material:

- Die-cast aluminium finished with durable polyester epoxy powder coating

Operating Temperature:

- -30°C ~ +45°C

Power Supply:

- AC : 90 ~ 305Vac 50 / 60Hz

Max System Power Consumption:

- 34W
- 42W
- 66W

Total Luminous Flux:

- 2800lm - 30W
- 3800lm - 40W
- 5600lm - 60W

Classification:

- Class I

Ingress Protection:

- IP66 (Lamp & Gear Compartments)

Mounting Spigot

- Ø50mm

Pole Installation Details (mm)

- Pole diameter Ø42-50mm

Nett Weight:

- 4.0 kg

COMPLIANCE STANDARD

LED:

- LM 80

Driver:

- UL/CUL, CE, EN55015, EN61000, EN61457

Luminaire:

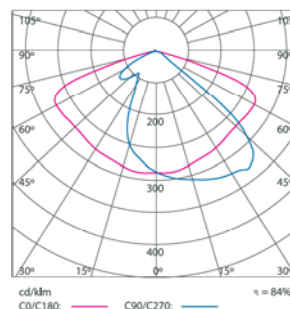
- LM 79, EN 60598-1, EN 60598-2-3, EN62471, EN62493, EN61000-3, EN61547



APPLICATION

- General Minings & Conveyor Lightings
- Pathways & Parks
- Shopping Areas & Car Parks
- Foot Paths & Access Ways
- Road Lightings & Residential Areas

PHOTOMETRIC

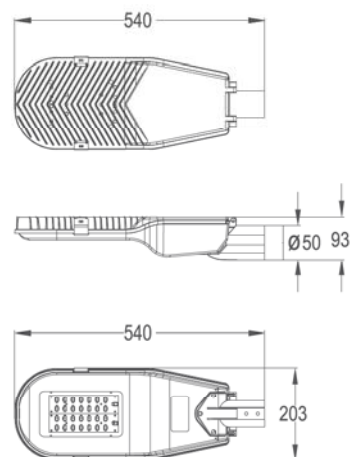


ORDER CODE

- S439 30W - LEDXION K09360 30W
- S439 40W - LEDXION K09360 40W
- S439 60W - LEDXION K09360 60W

* Please indicate color temperature when ordering.

DIMENSION



LEDXION S433 SERIES 90W, 120W & 150W LED STREET LANTERN

LED TECHNICAL DATA

Typical Luminous Flux & Efficiency @ 350 mA:

- 144lm

Max Junction Temperature:

- 150°C

Color Temperature:

- 5300K Daylight

Rendering Index:

- Typical Ra 70

LED Life Cycle:

- 50,000 hrs

LUMINAIRE TECHNICAL DATA

LED Light Source:

- 3 LED Modules x 14 LUMILEDS LUXEON Rebel ES (90W)
- 4 LED Modules x 14 LUMILEDS LUXEON Rebel ES (120W)
- 5 LED Modules x 14 LUMILEDS LUXEON Rebel ES (150W)

Housing Material:

- Die-cast aluminium finished with durable polyester epoxy powder coating

Operating Temperature:

- -30°C ~ +50°C

Power Supply:

- AC : 90 ~ 305Vac 50 / 60Hz

Power Factor:

- 0.95

Max System Power Consumption:

- 93W
- 121W
- 151W

Total Luminous Flux:

- 8350lm - 90W
- 11200lm - 120W
- 13350lm - 150W

Classification:

- Class I

Ingress Protection:

- IP66 (Lamp & Gear Compartments)

Mounting Spigot

- Ø55mm

Pole Installation Details (mm)

- Pole diameter Ø42-50mm

Nett Weight:

- 8.2 kg

COMPLIANCE STANDARD

LED:

- LM 80

Driver:

- UL/CUL, CE, EN55015, EN61000, EN61457

Luminaire:

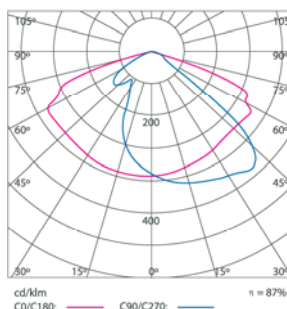
- LM 79, EN 60598-1, EN 60598-2-3, EN62471, EN62493, EN61000-3, EN61547



APPLICATION

- Parking Areas
- Facade Lightings
- Sport Lightings
- Commercial Areas
- Residential Areas
- Jetties

PHOTOMETRIC



Efficacy:

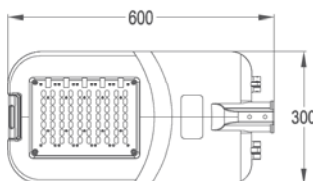
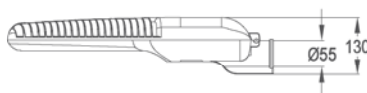
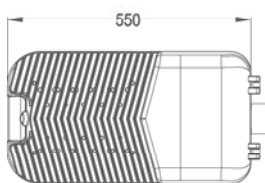
- 90 lm/W (90W Model)
- 93 lm/W (120W Model)
- 88 lm/W (150W Model)

ORDER CODE

- S433 90W - LEDXION K09121 90W
- S433 120W - LEDXION K09121 120W
- S433 150W - LEDXION K09121 150W

* Please indicate color temperature when ordering.

DIMENSION



LEDXION S436 SERIES 150W, 170W & 190W LED STREET LANTERN

LED TECHNICAL DATA

Typical Luminous Flux & Efficiency @ 350 mA:

- 144lm

Max Junction Temperature:

- 150°C

Color Temperature:

- 3500K Warmwhite & 5300K Daylight

LED Life Cycle:

- 50,000 hrs

LUMINAIRE TECHNICAL DATA

LED Light Source:

- 5 LED Modules x 14 LUMILEDS LUXEON Rebel ES (150W)
- 5 LED Modules x 16 LUMILEDS LUXEON Rebel ES (170W)
- 5 LED Modules x 18 LUMILEDS LUXEON Rebel ES (190W)

Housing Material:

- Die-cast aluminium finished with durable polyester epoxy powder coating

Operating Temperature:

- -30°C ~ +50°C

Power Supply:

- AC : 90 ~ 305Vac 50 / 60Hz

Max System Power Consumption:

- 154W
- 180W
- 200W

Total Luminous Flux:

- 14000lm - 150W
- 16000lm - 170W
- 17150lm - 190W

Classification:

- Class I

Ingress Protection:

- IP66 (Lamp & Gear Compartments)

Mounting Spigot

- Ø65mm

Pole Installation Details (mm)

- Pole diameter Ø50-65mm

Nett Weight:

- 11.5kg

COMPLIANCE STANDARD

LED:

- LM 80

Driver:

- UL/CUL, CE, EN55015, EN61000, EN61457

Luminaire:

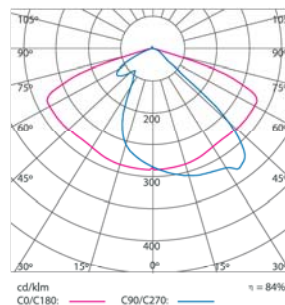
- LM 79, EN 60598-1, EN 60598-2-3, EN62471, EN62493, EN61000-3, EN61547



APPLICATION

- Parking Areas
- Facade Lightings
- Sport Lightings
- Commercial Areas
- Residential Areas
- Jetties

PHOTOMETRIC



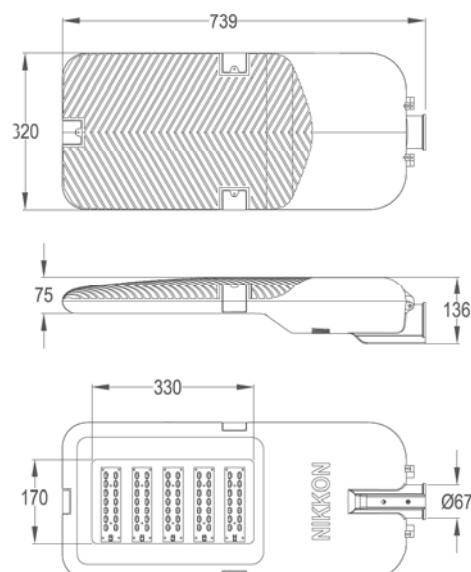
ORDER CODE

- S436 150W - LEDXION K09220 150W
- S436 170W - LEDXION K09220 170W
- S436 190W - LEDXION K09220 190W

* Please indicate color temperature when ordering.

* S436 120W is available upon special request

DIMENSION



SOLAR POWERED SLD SERIES 30W, 40W, & 60W LED STREET LANTERN

FEATURE

- Powered by Mono Crystalline Silicon PV with high module conversion efficiency.
- High efficiency LED lamp.
- 4.5 metres hot dipped galvanized steel post
- Ease of installation and mobility (No underground wire required)
- Outdoor type IP66 Street Lantern fixture and IP43 control box.

LED TECHNICAL DATA

Model:

- SLD 30W LED 24V2
- SLD 40W LED 24V2
- SLD 60W LED 24V2

Fixtures Type:

- S439

Lamp Post:

- 4.5 metres hot deep galvanized steel

Solar Panel:

- 2 panels of 12V 70Wp Mono Crystalline Silicon PV
- 2 panels of 12V 100Wp Mono Crystalline Silicon PV
- 2 panels of 12V 140Wp Mono Crystalline Silicon PV

Backup Time:

- 2 days autonomy with 10 ~ 11 hrs daily operation

Charge Controller:

- 10A Charge Controller c/w timer

Battery:

- 2 units of 12V 55Ah
- 2 units of 12V 80Ah
- 2 units of 12V 110Ah

LUMINAIRE TECHNICAL DATA

Solar Panel Type:

- Mono Crystalline Silicon PV with high module conversion efficiency

Vmp (V) Panel:

- 18V

Maximum Solar Panel Power:

- 70 Wp
- 100Wp
- 140Wp

Lamp Type:

- 30W / 40W / 60W LED Street Lantern

Control Box:

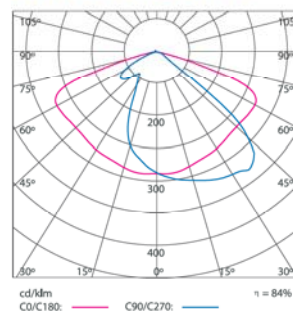
- Solar Charge Controller
- Seal Lead Acid Battery

APPLICATION

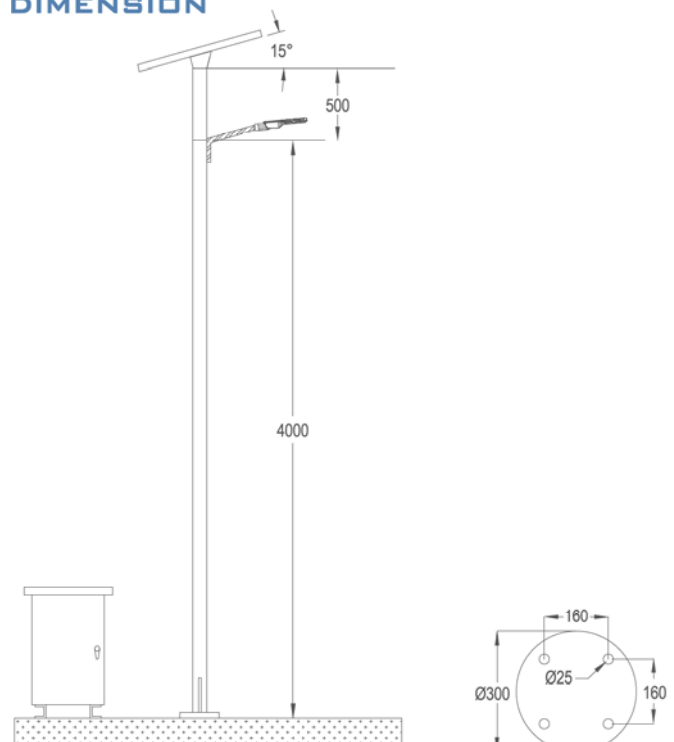
- Facade & Sport Lightings
- Parking Areas & Jetties
- Commercial & Residential Areas
- Road Lighting



PHOTOMETRIC



DIMENSION



SOLAR POWERED 30W LED STREET LANTERN WITH DIMMING SYSTEM

FEATURE

- Powered by Mono Crystalline Silicon PV with high module conversion efficiency.
- High efficiency LED lamp.
- 4.5 metres hot dipped galvanized steel post
- Ease of installation and mobility (No underground wire required)
- Outdoor type IP66 Street Lantern fixture and IP43 control box.
- 50% dimming after 5 hours operation

LED TECHNICAL DATA

Model:

- SLD 30W LED 24V2 DIMMING

Max LED Module Power Consumption:

- 30W LED module with dimming 50% after 5 hours

Dimming Wattage

- 30W

Lamp Type

- 30W LED Street Lantern

Fixtures Type

- S439

Lamp Post:

- 4.5 metres hot deep galvanized steel

Solar Panel:

- 1 panel of 33V 100Wp Mono Crystalline Silicon PV

Backup Time:

- 2 days autonomy with 10 ~ 11hrs daily operation

Charge Controller:

- 10A Charge Controller c/w timer

Battery:

- 2 units of 12V 33Ah

LUMINAIRE TECHNICAL DATA

Solar Panel Type:

- Mono Crystalline Silicon PV with high module conversion efficiency

Vmp (V) Panel:

- 34V

Maximum Solar Panel Power:

- 100Wp

Lamp Type:

- 30W LED Street Lantern

Control Box:

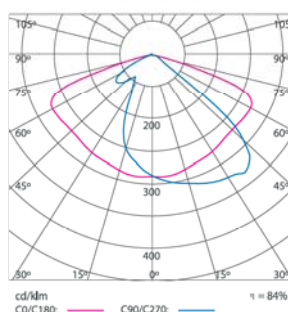
- Solar Charge Controller
- Seal Lead Acid Battery

APPLICATION

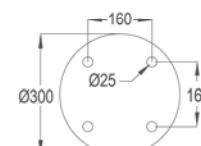
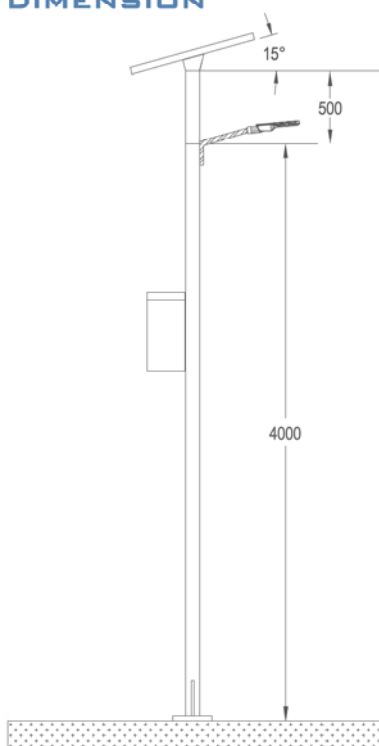
- Parking Areas
- Facade Lightings
- Sport Lightings
- Commercial Areas
- Residential Areas
- Jetties



PHOTOMETRIC



DIMENSION



LEDXION S419 SERIES

30W & 40W LED STREET LANTERN

LED TECHNICAL DATA

Typical Luminous Flux & Efficiency @ 350 mA:

- 144lm

Max Junction Temperature:

- 150°C

Color Temperature:

- 3500K Warmwhite & 5300K Daylight

LED Life Cycle:

- 50,000 hrs

LUMINAIRE TECHNICAL DATA

LED Light Source:

- 1 LED module x 14 LUMILEDS LUXEON Rebel ES (30W)
- 1 LED module x 18 LUMILEDS LUXEON Rebel ES (40W)

Housing Material:

- Die-cast aluminium finished with durable polyester epoxy powder coating

Operating Temperature:

- -30°C ~ +50°C

Power Supply:

- AC : 90 ~ 305V_{AC} 50 / 60Hz

Max System Power Consumption:

- 33W
- 43W

Total Luminous Flux:

- 2750lm - 30W
- 3500lm - 40W

Classification:

- Class I

Ingress Protection:

- IP66 (Lamp & Gear Compartments)

Mounting Spigot:

- S419-150 : ø50mm

Pole Installation Details (mm):

- S419-150 : Pole Diameter ø42-48mm

Nett Weight:

- 7kg

COMPLIANCE STANDARD

LED:

- LM 80

Driver:

- UL/CUL, CE, EN55015, EN61000, EN61457

Luminaire:

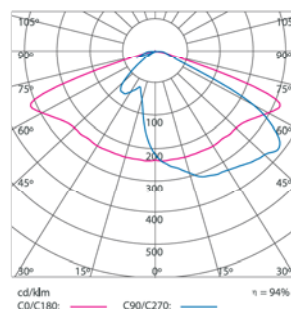
- LM 79, EN 60598-1, EN 60598-2-3, EN62471, EN62493, EN61000-3, EN61547



APPLICATION

- Pathways & Parks
- Shopping Areas & Car Parks
- Foot Paths & Access Ways
- Road Lightings & Residential Areas

PHOTOMETRIC



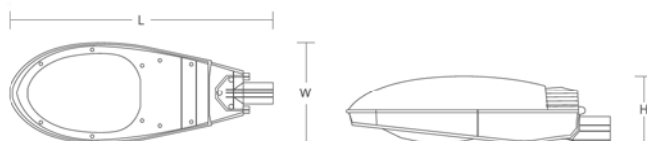
ORDER CODE

- S419-150 30W - LEDXION K09107 30W
- S419-150 40W - LEDXION K09122 40W

* Please Indicate color temperature when ordering.

DIMENSION

S419-150 : L= 639mm W= 269mm H=170mm



LEDXION S419 SERIES 60W, 90W LED STREET LANTERN

LED TECHNICAL DATA

Typical Luminous Flux & Efficiency @ 350 mA:

- 144lm

Max Junction Temperature:

- 150°C

Color Temperature:

- 3500K Warmwhite & 5300K Daylight

LED Life Cycle:

- 50,000 hrs

LUMINAIRE TECHNICAL DATA

LED Light Source:

- 2 LED Modules x 14 LUMILEDS LUXEON Rebel ES (60W)
- 3 LED Modules x 14 LUMILEDS LUXEON Rebel ES (90W)

Housing Material:

- Die-cast aluminium finished with durable polyester epoxy powder coating

Operating Temperature:

- -30°C ~ +50°C

Power Supply:

- AC : 90 ~ 295V_{AC} 50 / 60Hz

Max System Power Consumption:

- 66W
- 97W

Total Luminous Flux:

- 5500lm - 60W
- 8650lm - 90W

Classification:

- Class I

Ingress Protection:

- IP66 (Lamp & Gear Compartments)

Mounting Spigot:

- ø65mm

Pole Installation Details (mm):

- Pole Diameter ø48-60mm

Nett Weight:

- 7.0kg (LEDXION K09109)
- 9.5kg (LEDXION K09102)

COMPLIANCE STANDARD

LED:

- LM 80

Driver:

- CE, EN55015, EN61000, EN61457

Luminaire:

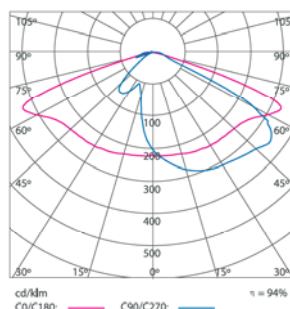
- LM 79, EN 60598-1, EN 60598-2-3, EN62471, EN62493, EN61000-3, EN61547



APPLICATION

- General Minings & Conveyor Lightings
- Pathways & Parks
- Shopping Areas & Car Parks
- Foot Paths & Access Ways
- Road Lightings & Residential Areas

PHOTOMETRIC



ORDER CODE

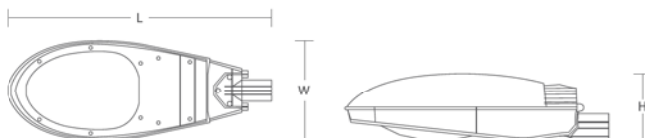
- S419-250 60W - LEDXION K09109 60W
- S419-400 90W - LEDXION K09102 90W

* Please indicate color temperature when ordering.

DIMENSION

S419-400 : L= 880mm W= 354mm H= 260mm

S419-250 : L= 764mm W= 302mm H= 189mm



LEDXION K10107 25W LED SPOTLIGHT

LED TECHNICAL DATA

Typical Luminous Flux & Efficiency @ 350 mA:

- 144lm

Max Junction Temperature:

- 150°C

Color Temperature:

- 3500K Warmwhite & 5300K Daylight

LED Life Cycle:

- 50,000 hrs

LUMINAIRE TECHNICAL DATA

LED Light Source:

- 1 LED Module x 12 LUMILEDS LUXEON Rebel ES

Housing Material:

- Die-cast aluminium finished with durable polyester epoxy powder coating (Akzo Nobel RAL 9006)

Operating Temperature:

- -30°C ~ +50°C

Power Supply:

- AC : 90 ~ 295V_{AC} 50 / 60Hz

Max System Power Consumption:

- 31W

Total Luminous Flux:

- 2050lm

Classification:

- Class I

Ingress Protection:

- IP65 (Lamp & Gear Compartments)

Nett Weight:

- 3.3kg

Beam Angle:

- Narrow beam - 15°

COMPLIANCE STANDARD

LED:

- LM 80

Driver:

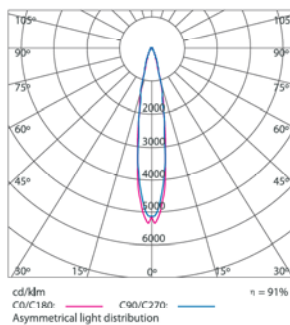
- UL/CUL, CE, EN55015, EN61000, EN61457



APPLICATION

- Historical Buildings
- Churches
- Theatres
- Pathways
- Corridors
- Exhibition Halls

PHOTOMETRIC

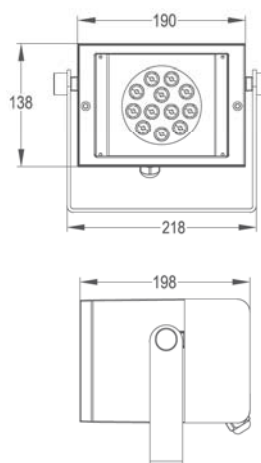


ORDER CODE

- 25W Spotlight Narrow Beam - LEDXION K10107 25W Narrow Beam

* Please indicate color temperature when ordering.

DIMENSION



LEDXION MINIATURE SERIES 20W, 40W & 60W LED FLOODLIGHT



LEDXION K10111
(20W)



LEDXION K10112
(40W)



LEDXION K10113
(60W)

LUMINAIRE TECHNICAL DATA

LED Light Source:

- AC Multi-dice LED (20W)
- 18 LUMILEDS LUXEON Rebel ES (40W)
- 26 LUMILEDS LUXEON Rebel ES (60W)

Housing Material:

- Die-cast aluminium finished with durable polyester epoxy powder coating, Akzo Nobel RAL 9006

Diffuser:

- Anti glare high transparency frosted tempered glass

Operating Temperature:

- -30°C ~ +50°C

Power Supply:

- AC : 220 ~ 240V_{AC} 50 / 60Hz (20W)
- AC : 90 ~ 295V_{AC} 50 / 60Hz (40W - 60W)

Max System Power Consumption:

- LEDXION K10111: 22W
- LEDXION K10112: 41W
- LEDXION K10113: 61W

Classification:

- Class I

Ingress Protection:

- IP65 (Lamp & Gear Compartments)

Nett Weight:

- 1.0kg (LEDXION K10111)
- 3.0kg (LEDXION K10112)
- 4.6kg (LEDXION K10113)

COMPLIANCE STANDARD

LED:

- LM 80

Driver:

- UL/CUL, CE, EN55015, EN61000, EN61457

Luminaire:

- EN 60598-1, EN 60598-2-3, EN62471, EN62493, EN61000-3, EN61547

LED TECHNICAL DATA

Typical Luminous Flux & Efficiency @ 350 mA:

- 144lm

Max Junction Temperature:

- 150°C

Color Temperature:

- LEDXION K10111: 3000K Warmwhite & 6500K Daylight
- LEDXION K10112: 3500K Warmwhite & 5300K Daylight
- LEDXION K10113: 3500K Warmwhite & 5300K Daylight

LED Life Cycle:

- AC Multi-dice LED: 30, 000 hrs
- Phillips LUMILEDS LUXEON Rebel ES: 50, 000 hrs

APPLICATION

- Parking Areas
- Facade Lightings
- Sport Lightings
- Commercial Areas
- Residential Areas
- Shopping Malls

FEATURES



High Transparency Frosted
Tempered Glass Diffuser



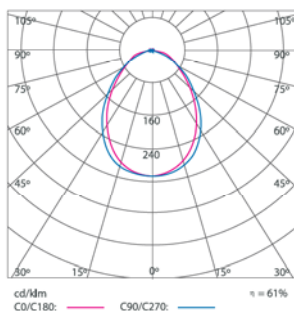
Excellent Thermal Conductivity
Die-Cast Housing

PHOTOMETRIC

Typical Luminous Flux:

- 20W - 820 lm (3000K)
- 1150 lm (6500K)

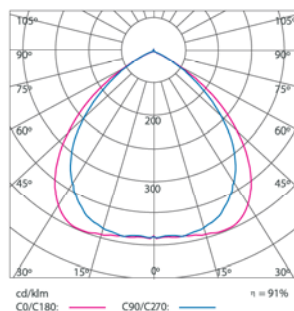
LEDXION K10111



Typical Luminous Flux:

- 40W - 3600 lm (5300K) - Wide
- 3550 lm (5300K) - Medium

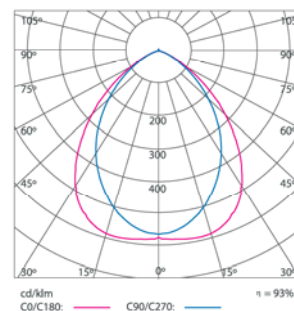
LEDXION K10112



Typical Luminous Flux:

- 60W - 5300 lm (5300K) - Wide
- 5100 lm (5300K) - Medium

LEDXION K10113



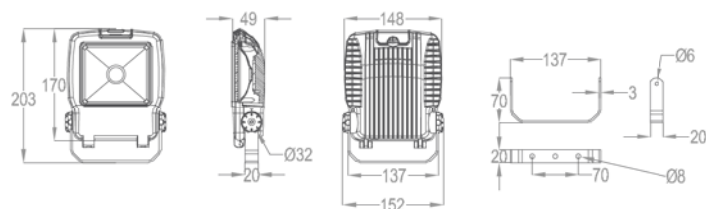
ORDER CODE

- 20W Miniature LED Floodlight - LEDXION K10111 20W
- 40W Miniature LED Floodlight - LEDXION K10112 40W
- 60W Miniature LED Floodlight - LEDXION K10113 60W

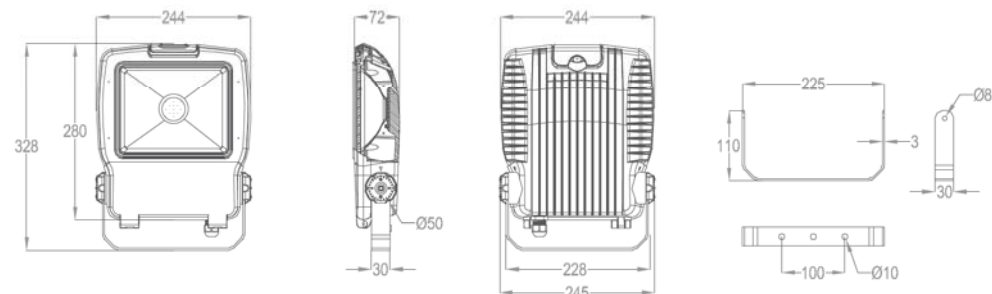
- * Please indicate color temperature when ordering
- * Medium beam version is available

DIMENSION

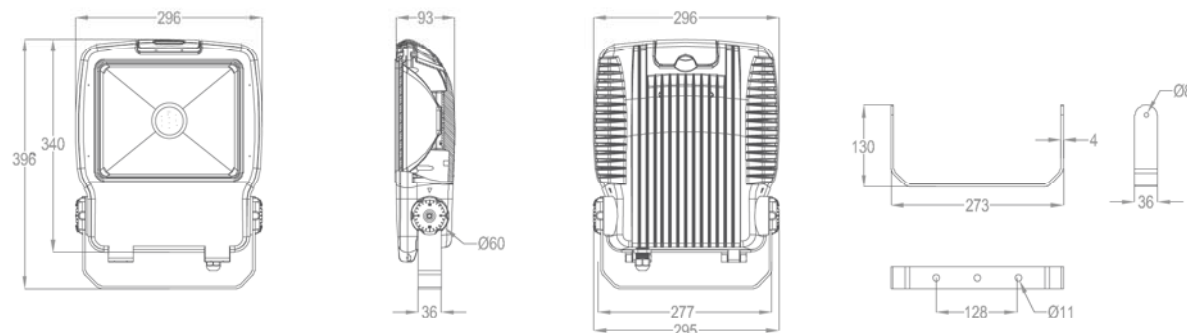
LEDXION K10111



LEDXION K10112



LEDXION K10113



LEDXION S2266 SERIES

140W, 185W & 230W LED FLOODLIGHT / SPOT LIGHT

LED TECHNICAL DATA

Typical Luminous Flux & Efficiency @ 350 mA:

- 144lm

Max Junction Temperature:

- 150°C

Color Temperature:

- 3500K Warmwhite & 5300K Daylight

LED Life Cycle:

- 50,000 hrs

LUMINAIRE TECHNICAL DATA

LED Light Source:

- 3 LED Modules x 22 LUMILEDS LUXEON Rebel ES (140W)
- 4 LED Modules x 22 LUMILEDS LUXEON Rebel ES (185W)
- 5 LED Modules x 22 LUMILEDS LUXEON Rebel ES (230W)

Housing Material:

- Die-cast aluminium finished with durable polyester epoxy powder coating

Operating Temperature:

- -30°C ~ +50°C

Power Supply:

- AC : 90 ~ 305V_{AC} 50 / 60Hz

Max System Power Consumption:

- 145W
- 194W
- 242W

Total Luminous Flux:

- 12400lm - 140W
- 16000lm - 185W
- 19750lm - 230W

Classification:

- Class I

Ingress Protection:

- IP66 (Lamp & Gear Compartments)

Nett Weight:

- 14.7kg (Type 1)
- 11.0kg (Type 2)
- 10.6kg (Type 3)
- 9.8kg (Type 4)

Beam Angle:

- WB - 140° x 70°
- MB80 - 80°
- MB51 - 51°
- NB19 - 19°

COMPLIANCE STANDARD

LED:

- LM 80

Driver:

- UL/CUL, CE, EN55015, EN61000, EN61457

Luminaire:

- LM 79, EN 60598-1, EN 60598-2-3, EN62471, EN62493, EN61000-3, EN61547



Type 1

Standard LED Floodlight
with Built-In Control Gear Box



Type 2

Tennis Court Lighting / Pole mounted /
Street Lantern with External Driver



Type 3

Wall Mounted LED Floodlight /
Wall Light with External Driver

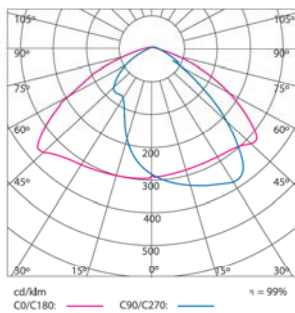


Type 4

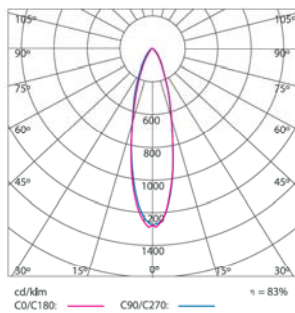
Light Weight / Mobile LED Floodlight
Mounting Bracket
with External Driver

PHOTOMETRIC

Floodlight (WB)



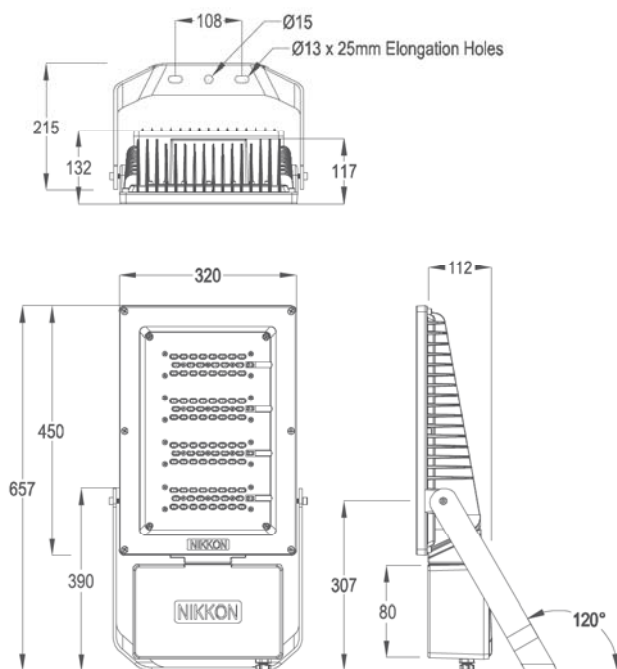
Spotlight (NB19)



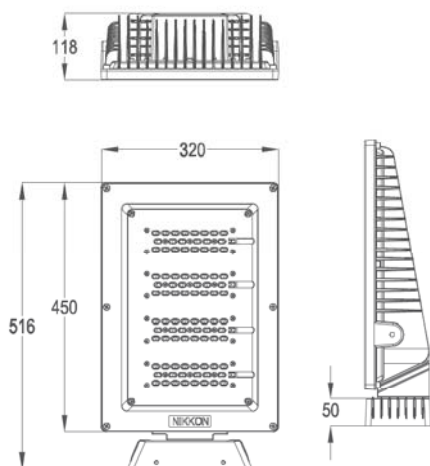
* Extra narrow beam angle is available upon special request.

DIMENSION

Type 1 - Standard LED FL



Type 3 - Wall Mounted LED FL



APPLICATION

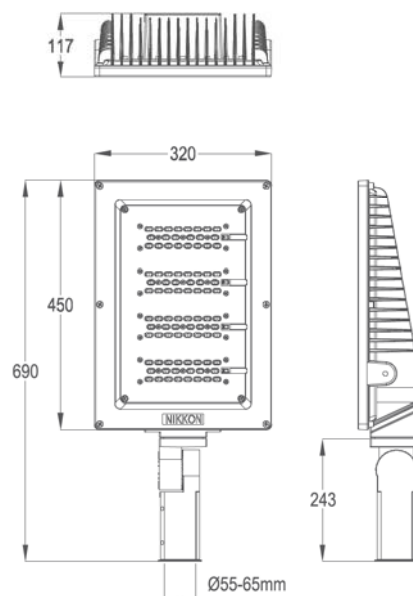
- Parking Areas
- Facade Lightings
- Sport Lightings
- Commercial Areas
- Residential Areas
- Jetties

ORDER CODE

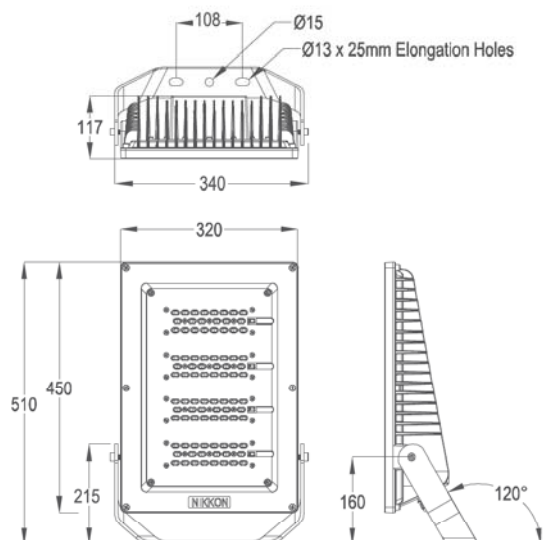
- S2266 FL / SPOTLIGHT - LEDXION K10119 140W/185W/230W (Type 1)
- S2266 FL / SPOTLIGHT - LEDXION K10119 140W/185W/230W (Type 2)
- S2266 FL / SPOTLIGHT - LEDXION K10119 140W/185W/230W (Type 3)
- S2266 FL / SPOTLIGHT - LEDXION K10119 140W/185W/230W (Type 4)

* Please indicate color temperature / beam angle when ordering.

Type 2 - Tennis Lighting LED FL



Type 4 - Light Weight LED FL



LEDXION K10104 & K10105 60W LED FLOODLIGHT

LED TECHNICAL DATA

Typical Luminous Flux & Efficiency @ 350 mA:

- 144lm

Max Junction Temperature:

- 150°C

Color Temperature:

- 3500K Warmwhite & 5300K Daylight

LED Life Cycle:

- 50,000 hrs

LUMINAIRE TECHNICAL DATA

LED Light Source:

- 2 LED Modules x 14 LUMILEDS LUXEON Rebel ES

Housing Material:

- Die-cast aluminium finished with durable polyester epoxy powder coating (Akzo Nobel RAL 9006)

Operating Temperature:

- -30°C ~ +50°C

Power Supply:

- AC : 90 ~ 295V_{AC} 50 / 60Hz

Max System Power Consumption:

- 63W

Total Luminous Flux:

- 5150lm - 60W SY
- 5250lm - 60W ASY

Classification:

- Class I

Ingress Protection:

- IP66 (Lamp & Gear Compartments)

Nett Weight:

- 7.5kg

COMPLIANCE STANDARD

LED:

- LM 80

Driver:

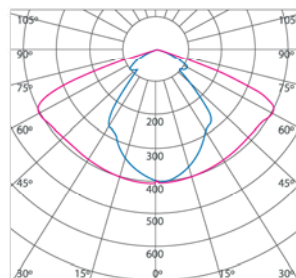
- UL/CUL, CE, EN55015, EN61000, EN61457



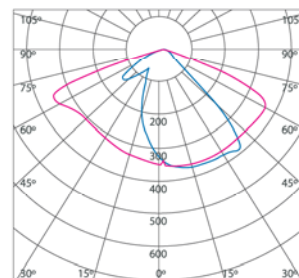
APPLICATION

- Historical Buildings
- Churches
- Theatres
- Passage Ways
- Corridors
- Exhibition Halls

PHOTOMETRIC



cd/m²
C0/C180: — C90/C270: — $\eta = 93\%$
Symmetrical light distribution



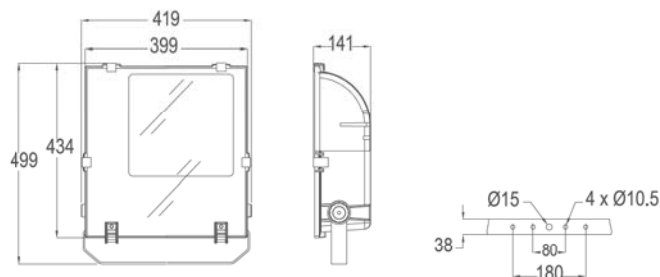
cd/m²
C0/C180: — C90/C270: — $\eta = 95\%$
Asymmetrical light distribution

ORDER CODE

- 60W Symmetrical - LEDXION K10104 60W SY
- 60W Asymmetrical - LEDXION K10105 60W ASY

* Please indicate color temperature when ordering.

DIMENSION



LEDXION K10114 60W LED FLOODLIGHT

LED TECHNICAL DATA

Typical Luminous Flux & Efficiency @ 350 mA:

- 144lm

Max Junction Temperature:

- 150°C

Color Temperature:

- 3500K Warmwhite & 5300K Daylight

LED Life Cycle:

- 50,000 hrs

LUMINAIRE TECHNICAL DATA

LED Light Source:

- 2 LED Modules x 14 LUMILEDS LUXEON Rebel ES (60W)

Housing Material:

- Die-cast aluminium finished with durable polyester epoxy powder coating (Akzo Nobel RAL 9006)

Operating Temperature:

- -30°C ~ +50°C

Power Supply:

- AC : 90 ~ 295V_{AC} 50 / 60Hz

Max System Power Consumption:

- 63W

Total Luminous Flux:

- 5000lm

Classification:

- Class I

Ingress Protection:

- IP66 (Lamp & Gear Compartments)

Nett Weight:

- 11kg

COMPLIANCE STANDARD

LED:

- LM 80

Driver:

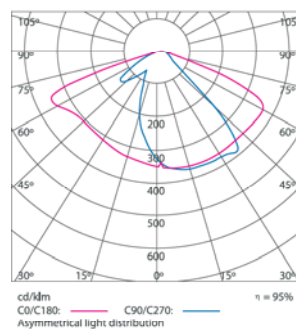
- UL/CUL, CE, EN55015, EN61000, EN61457



APPLICATION

- Historical Buildings
- Churches
- Theatres
- Passage Ways
- Corridors
- Exhibition Halls

PHOTOMETRIC

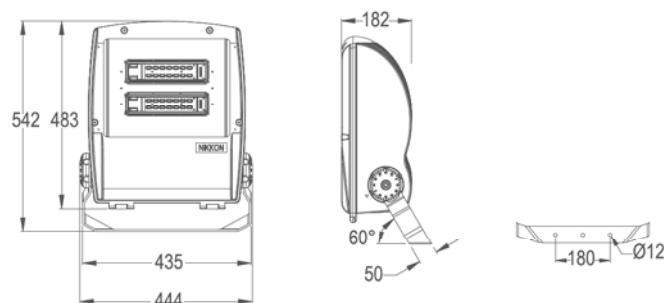


ORDER CODE

- 60W Symmetrical - LEDXION K10114 60W SY
- 60W Asymmetrical - LEDXION K10114 60W ASY

* Please indicate color temperature when ordering.

DIMENSION



LEDXION S6310 MINI SERIES 40W & 50W LED HIGHBAY

LED TECHNICAL DATA

Typical Luminous Flux & Efficiency @ 350 mA:

- 144lm

Max Junction Temperature:

- 150°C

Color Temperature:

- 3500K Warmwhite & 5300K Daylight

LED Life Cycle:

- 50,000 hrs

LUMINAIRE TECHNICAL DATA

LED Light Source:

- 1 LED Module x 19 LUMILEDS LUXEON Rebel ES (40W)
- 1 LED Module x 24 LUMILEDS LUXEON Rebel ES (50W)

Housing Material:

- Die-cast aluminium finished with durable polyester epoxy powder coating

Operating Temperature:

- -30°C ~ +50°C

Power Supply:

- AC : 90 ~ 305Vac 50 / 60Hz

Max System Power Consumption:

- 45W
- 55.6W

Total Luminous Flux:

- 3380lm - 40W
- 4310lm - 50W

Beam Angle:

- WB - 100°
- MB51 - 51°
- NB19 - 19°

Classification:

- Class I

Ingress Protection:

- IP66

Nett Weight:

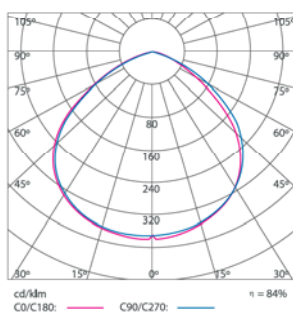
- 2.5 kg

APPLICATION

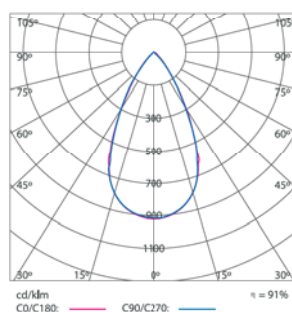
- Eateries, Retail, Hallways, Storage Rooms & Halls

PHOTOMETRIC

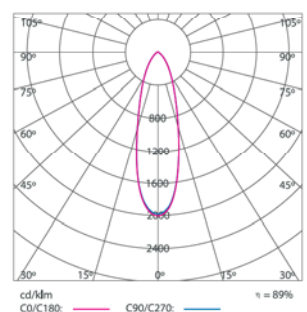
100° Wide Beam Angle (WB)



51° Medium Beam Angle (MB51)



19° Narrow Beam Angle (NB19)



COMPLIANCE STANDARD

LED:

- LM 80

Driver:

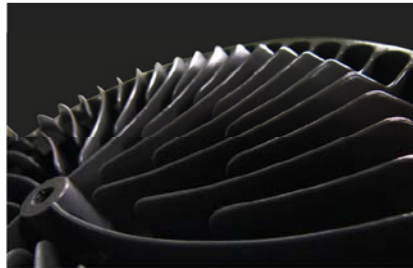
- UL/CUL, CE, EN55015, EN61000, EN61457

ORDER CODE

- S6310 40W LED MINI Highbay - LEDXION K14103 40W
- S6310 50W LED MINI Highbay - LEDXION K14103 50W

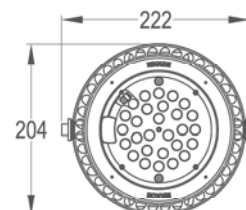
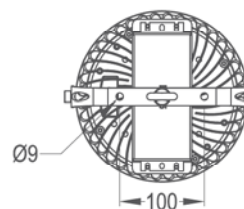
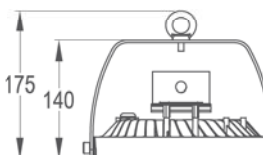
* Please indicate color temperature and beam angle when ordering.

FEATURES



Excellent Thermal Conductivity Die-Cast Housing

DIMENSION



Note: Specifications are subject to change without prior notice.

NIKKON®

LEDXION S6310 LED MULTIPURPOSE LIGHTING MEDI 80W, 100W & 120W LED HIGHBAY & FLOODLIGHT

LED TECHNICAL DATA

Typical Luminous Flux & Efficiency @ 350 mA:

- 144lm

Viewing Angle:

- 120°

Max Junction Temperature:

- 150°C

Color Temperature:

- 3500K Warmwhite & 5300K Daylight

LED Life Cycle:

- 50,000 hrs

LUMINAIRE TECHNICAL DATA

LED Light Source:

- 2 LED Modules x 19 LUMILEDS LUXEON Rebel ES (80W)
- 2 LED Modules x 23 LUMILEDS LUXEON Rebel ES (100W)
- 2 LED Modules x 27 LUMILEDS LUXEON Rebel ES (120W)

Housing Material:

- Die-cast aluminium finished with durable polyester epoxy powder coating

Operating Temperature:

- 80W & 100W : -30°C ~ +50°C
- 120W : -30°C ~ +45°C

Power Supply:

- AC : 90 ~ 305Vac 50 / 60Hz

Max System Power Consumption:

- 88W
- 104W
- 123W

Total Luminous Flux:

- 8000lm - 80W
- 9450lm - 100W
- 11150lm - 120W

Beam Angle:

- WB - 100°
- MB51 - 51°
- NB19 - 19°

Classification:

- Class I

Ingress Protection:

- IP66

Nett Weight:

- 4.5 kg



LEDXION K14102

LEDXION K10122

COMPLIANCE STANDARD

LED:

- LM 80

Driver:

- UL/CUL, CE, EN55015, EN61000, EN61457

APPLICATION

Highbay

- Eateries, Retail, Hallways, Storage Rooms & Halls

Floodlight

- Historical Buildings, Churches, Theatres, Corridors, Passage Ways & Facade Lightings

ORDER CODE

Highbay

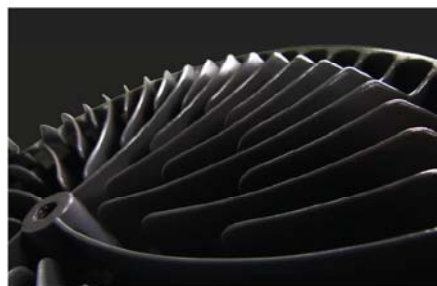
- S6310 80W LED MEDI Highbay - LEDXION K14102 80W
- S6310 100W LED MEDI Highbay - LEDXION K14102 100W
- S6310 120W LED MEDI Highbay - LEDXION K14102 120W

Floodlight

- S6310 80W LED MEDI Floodlight - LEDXION K10122 80W
- S6310 100W LED MEDI Floodlight - LEDXION K10122 100W
- S6310 120W LED MEDI Floodlight - LEDXION K10122 120W

* Please indicate color temperature and beam angle when ordering.

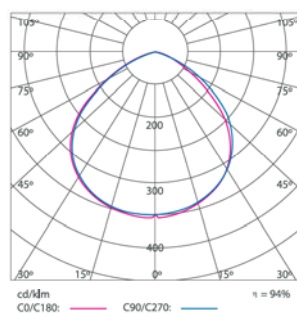
FEATURES



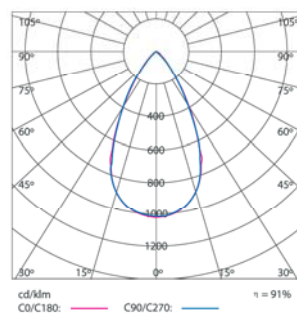
Excellent Thermal Conductivity Die-Cast Housing

PHOTOMETRIC

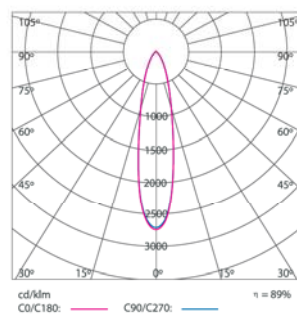
100° Wide Beam Angle (WB)



51° Medium Beam Angle (MB51)

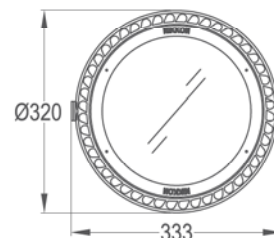
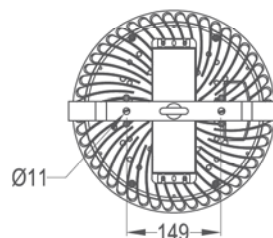
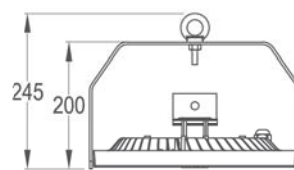


19° Narrow Beam Angle (NB19)

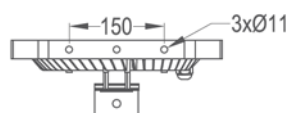
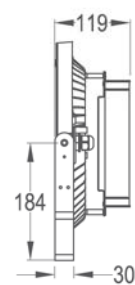
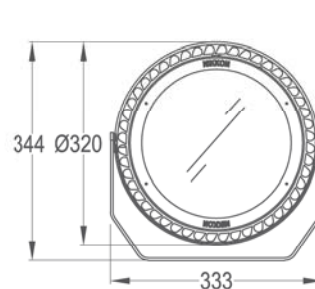


DIMENSION

S6310 MEDI LED Highbay



S6310 MEDI LED Floodlight



LEDXION K10120 90W ECO LED FLOODLIGHT

LED TECHNICAL DATA

Typical Luminous Flux & Efficiency @ 350 mA:

- 144lm

Max Junction Temperature:

- 150°C

Color Temperature:

- 3500K Warmwhite & 5300K Daylight

LED Life Cycle:

- 50,000 hrs

LUMINAIRE TECHNICAL DATA

LED Light Source:

- 2 LED Modules x 22 LUMILEDS LUXEON Rebel ES

Housing Material:

- Die-cast aluminium finished with durable polyester epoxy powder coating (Akzo Nobel RAL 9006)

Operating Temperature:

- -30°C ~ +50°C

Power Supply:

- AC : 90 ~ 305V_{AC} 50 / 60Hz

Max System Power Consumption:

- 98W

Total Luminous Flux:

- 8700lm

Classification:

- Class I

Ingress Protection:

- IP66 (Lamp & Gear Compartments)

Nett Weight:

- 5kg

COMPLIANCE STANDARD

LED:

- LM 80

Driver:

- UL/CUL, CE, EN55015, EN61000, EN61457

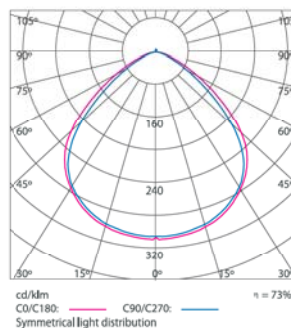
APPLICATION

- Historical Buildings
- Churches
- Theatres
- Passage Ways
- Corridors
- Exhibition Halls

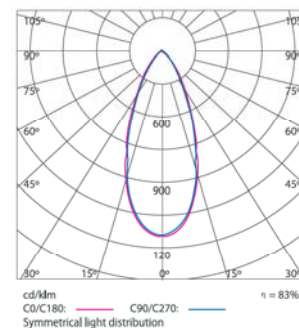


PHOTOMETRIC

Wide Beam (90°)



Narrow Beam (51°)

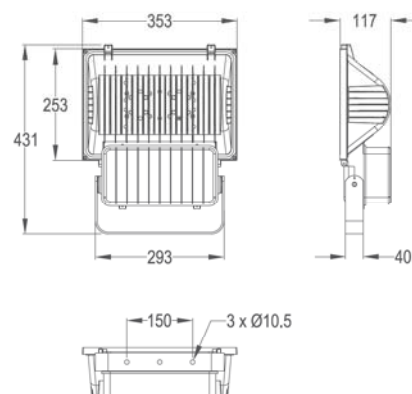


ORDER CODE

- S2090 LED 90W - LEDXION K10120 90W ECO LED Floodlight

* Please indicate color temperature when ordering.

DIMENSION



LEDXION K14101 SERIES

40W, 80W, 120W & 160W ECO LED HIGHBAY

LED TECHNICAL DATA

Typical Luminous Flux & Efficiency @ 350 mA:

- 144lm

Max Junction Temperature:

- 150°C

Color Temperature:

- 5300K Daylight

LED Life Cycle:

- 50,000 hrs

LUMINAIRE TECHNICAL DATA

LED Light Source:

- 1 LED Module x 18 LUMILEDS LUXEON Rebel ES (40W)
- 2 LED Modules x 18 LUMILEDS LUXEON Rebel ES (80W)
- 3 LED Modules x 18 LUMILEDS LUXEON Rebel ES (120W)
- 4 LED Modules x 18 LUMILEDS LUXEON Rebel ES (160W)

Housing Material:

- 15" High purity aluminium reflector (40W & 80W)
- 18" High purity aluminium reflector (120W)
- 22" High purity aluminium reflector (160W)

Operating Temperature:

- -30°C ~ +50°C

Power Supply:

- AC : 90 ~ 305Vac 50 / 60Hz

Max System Power Consumption:

- 42W
- 85W
- 123W
- 169W

Total Luminous Flux:

- 3400lm - 40W
- 7600lm - 80W
- 11150lm - 120W
- 15350lm - 160W

Classification:

- Class I

Ingress Protection:

- IP20

Nett Weight:

- 3.2 kg (40W)
- 4.0 kg (80W)
- 6.0 kg (120W)
- 8.4 kg (160W)

COMPLIANCE STANDARD

LED:

- LM 80

Driver:

- UL/CUL, CE, EN55015, EN61000, EN61457

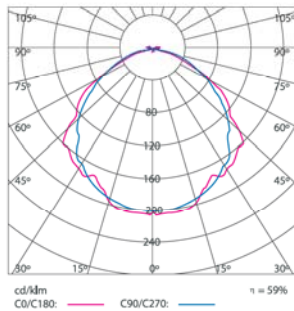
APPLICATION

- Warehouses, Multipurpose Halls, Exhibition Halls, Production Areas & factories

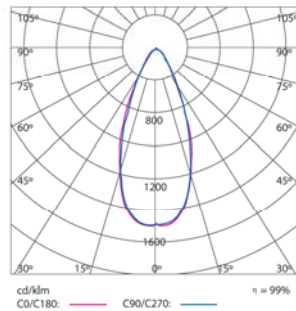


PHOTOMETRIC

Wide Beam



Narrow Beam



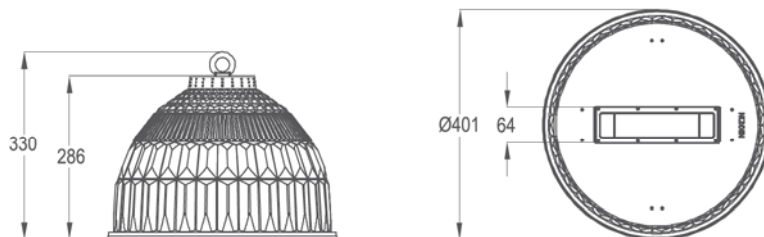
ORDER CODE

- 40W Eco LED Highbay - LEDXION K14101 40W
- 80W Eco LED Highbay - LEDXION K14101 80W
- 120W Eco LED Highbay - LEDXION K14101 120W
- 160W Eco LED Highbay - LEDXION K14101 160W

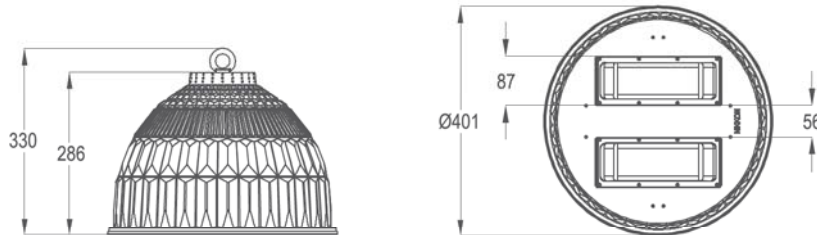
* Please indicate color temperature when ordering.

DIMENSION

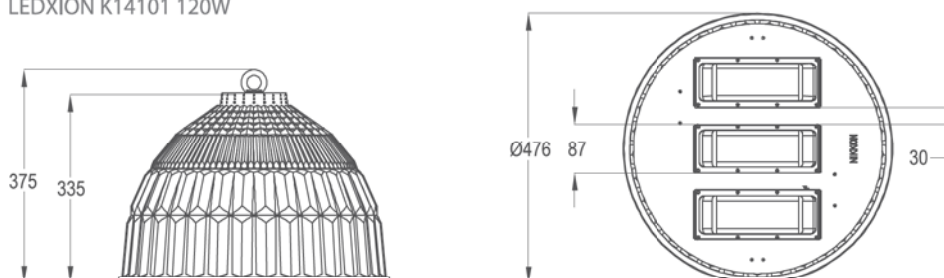
LEDXION K14101 40W



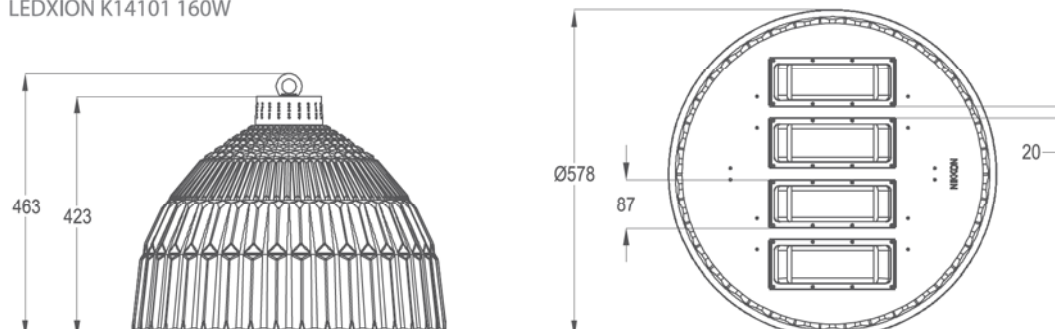
LEDXION K14101 80W



LEDXION K14101 120W



LEDXION K14101 160W



LEDXION K03107 & K03108

40W, 80W, 120W & 160W ECO LED LOWBAY

LED TECHNICAL DATA

Typical Luminous Flux & Efficiency @ 350 mA:

- 144lm

Max Junction Temperature:

- 150°C

Color Temperature:

- 3500K Warmwhite & 5300K Daylight

LED Life Cycle:

- 50,000 hrs

LUMINAIRE TECHNICAL DATA

LED Light Source:

- 1 LED Module x 18 LUMILEDS LUXEON Rebel ES (40W)
- 2 LED Modules x 18 LUMILEDS LUXEON Rebel ES (80W)
- 3 LED Modules x 18 LUMILEDS LUXEON Rebel ES (120W)
- 4 LED Modules x 18 LUMILEDS LUXEON Rebel ES (160W)

Housing Material:

- Cold roll steel finished with durable resin epoxy powder coating (RAL 9010)

Operating Temperature:

- -30°C ~ +50°C

Power Supply:

- AC : 90 ~ 305V_{AC} 50 / 60Hz

Max System Power Consumption:

- 42W
- 85W
- 123W
- 169W

Total Luminous Flux:

- 3400lm - 40W
- 7600lm - 80W
- 11150lm - 120W
- 15350lm - 160W

Classification:

- Class I

Opening Hole for Recessed Type:

- 156 x 326 mm (40W)
- 251 x 326 mm (80W)
- 346 x 326 mm (120W)
- 441 x 326 mm (160W)

Ingress Protection:

- IP20

Nett Weight:

- 4.2kg (40W)
- 5.0kg (80W)
- 7.0kg (120W)
- 9.4kg (160W)



LEDXION K03107
(80W)



LEDXION K03108
(80W)

COMPLIANCE STANDARD

LED:

- LM 80

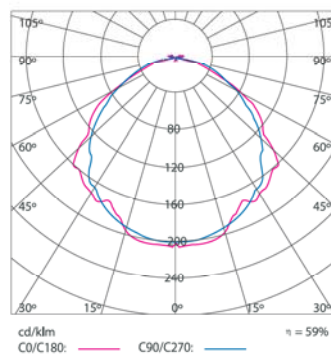
Driver:

- UL/CUL, CE, EN55015, EN61000, EN61457

APPLICATION

- Petrol Kiosks
- Toll Plazas
- Canopy Lightings
- Multipurpose Halls
- Warehouses
- Gymnasiums
- Exhibition Halls

PHOTOMETRIC



ORDER CODE

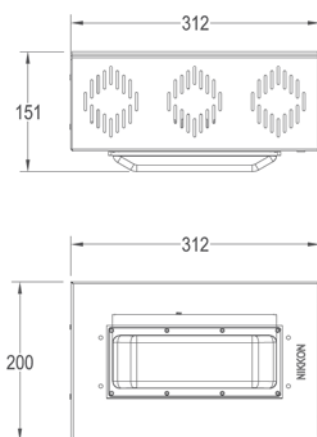
- 40W Surface Mounted - LEDXION K03107 40W SM
- 40W Recessed Mounted - LEDXION K03108 40W RM
- 80W Surface Mounted - LEDXION K03107 80W SM
- 80W Recessed Mounted - LEDXION K03108 80W RM
- 120W Surface Mounted - LEDXION K03107 120W SM
- 120W Recessed Mounted - LEDXION K03108 120W RM
- 160W Surface Mounted - LEDXION K03107 160W SM
- 160W Recessed Mounted - LEDXION K03108 160W RM

* Please indicate color temperature when ordering.

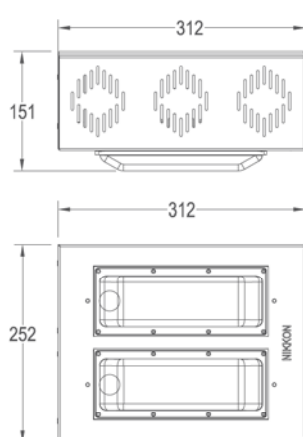
DIMENSION

LEDXION K03107

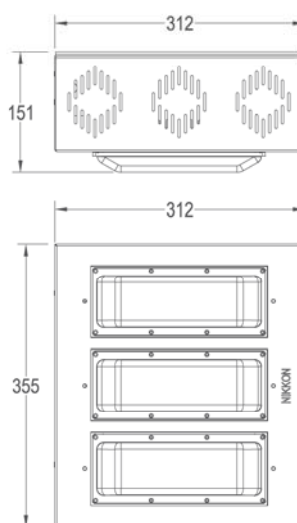
40W Surface Mounted



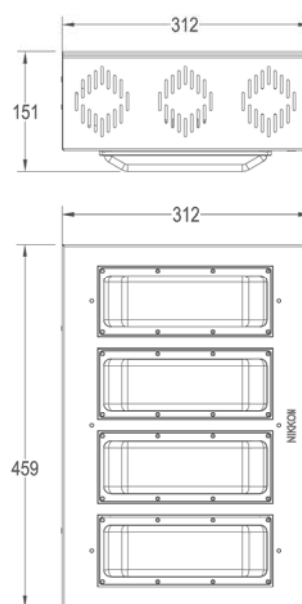
80W Surface Mounted



120W Surface Mounted

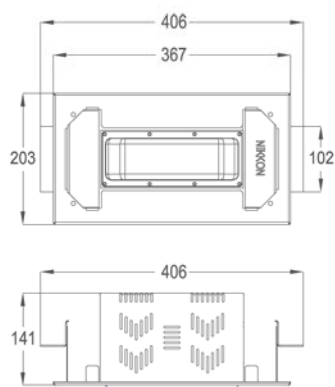


160W Surface Mounted

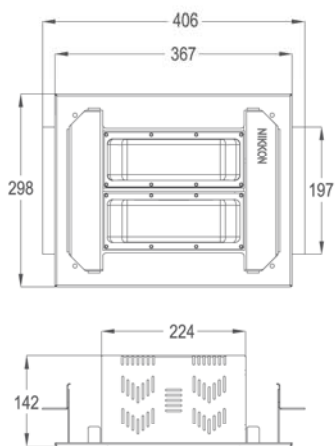


LEDXION K03108

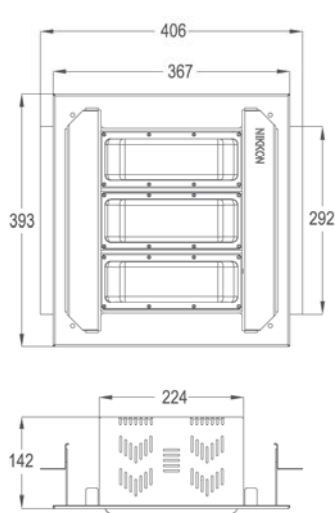
40W Recessed Mounted



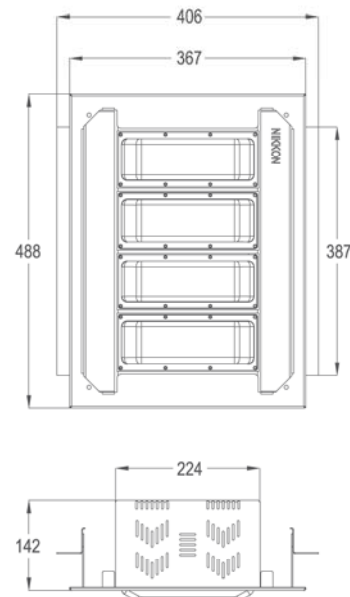
80W Recessed Mounted



120W Recessed Mounted



160W Recessed Mounted



LEDXION SS316 SERIES 30W & 60W LED STAINLESS STEEL FLOODLIGHT

LED TECHNICAL DATA

Typical Luminous Flux & Efficiency @ 350 mA:

- 144lm

Max Junction Temperature:

- 150°C

Color Temperature:

- 3500K Warmwhite & 5300K Daylight

LED Life Cycle:

- 50,000 hrs

LUMINAIRE TECHNICAL DATA

LED Light Source:

- 1 LED Module x 14 LUMILEDS LUXEON Rebel ES (30W)
- 2 LED Modules x 14 LUMILEDS LUXEON Rebel ES (60W)

Housing Material:

- 316 Stainless Steel including all accessories

Operating Temperature:

- -30°C ~ +50°C

Power Supply:

- AC : 90 ~ 305Vac 50 / 60Hz

Max System Power Consumption:

- 34W
- 68W

Total Luminous Flux:

- 2750lm - 30W
- 5300lm - 60W SY
- 5450lm - 60W ASY

Classification:

- Class I

Ingress Protection:

- IP66 (Lamp & Gear Compartments)

Nett Weight:

- 7kg

COMPLIANCE STANDARD

LED:

- LM 80

Driver:

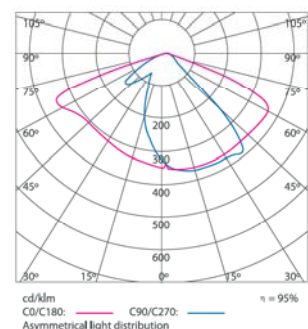
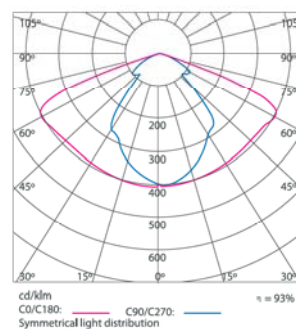
- UL/CUL, CE, EN55015, EN61000, EN61457



APPLICATION

- Distillation Plants
- Boiler Rooms
- Mining
- Cold Storage Rooms
- Residential Areas
- Garages

PHOTOMETRIC



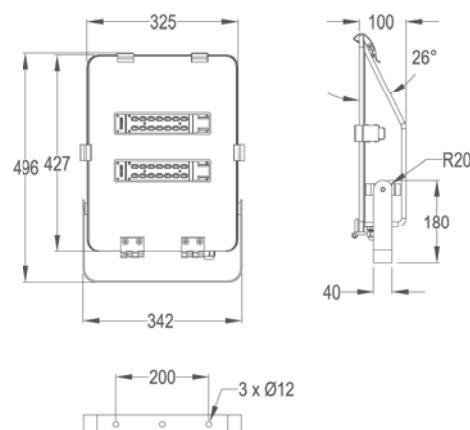
ORDER CODE

- 30W Asymmetrical LED SS Floodlight - K10118 30W ASY
- 60W Symmetrical LED SS Floodlight - K10118 60W SY
- 60W Asymmetrical LED SS Floodlight - K10118 60W ASY

* Please indicate color temperature when ordering.

* Narrow beam available upon request.

DIMENSION



LEDXION K04105 & K04106 30W, 40W & 60W LED STAINLESS STEEL LUMINAIRE

LED TECHNICAL DATA

Typical Luminous Flux & Efficiency @ 350 mA:

- 144lm

Max Junction Temperature:

- 150°C

Color Temperature:

- 3500K Warmwhite & 5300K Daylight

LED Life Cycle:

- 50,000 hrs

LUMINAIRE TECHNICAL DATA

LED Light Source:

- 2 LED Modules x 7 LUMILEDS LUXEON Rebel ES (30W)
- 2 LED Modules x 9 LUMILEDS LUXEON Rebel ES (40W)
- 4 LED Modules x 7 LUMILEDS LUXEON Rebel ES (60W)

Housing Material:

- 304 or 316 stainless steel body & sand blasted tempered glass diffuser

Operating Temperature:

- -30°C ~ +50°C

Power Supply:

- AC : 90 ~ 305V_{AC} 50 / 60Hz

Max System Power Consumption:

- 32.5W
- 42W
- 66W

Total Luminous Flux:

- 2400lm - 30W
- 3100lm - 40W
- 5850lm - 60W

Classification:

- Class I

Ingress Protection:

- IP66 (Lamp & Gear Compartments)

Nett Weight:

- 4.6kg (30W & 40W)
- 8.6kg (60W)

COMPLIANCE STANDARD

LED:

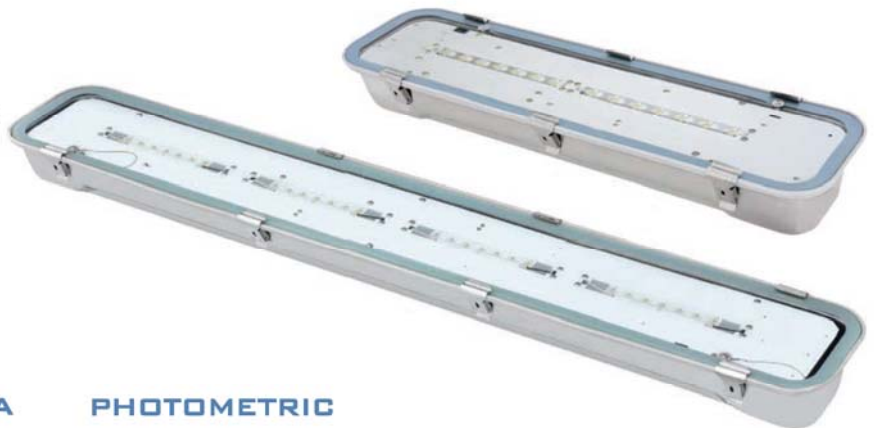
- LM 80

Driver:

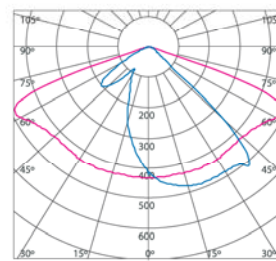
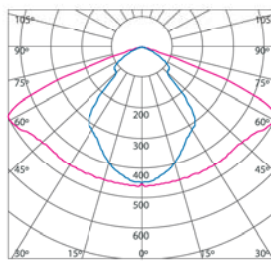
- UL/CUL, CE, EN55015, EN61000, EN61457

APPLICATION

- Distillation Plants
- Boiler Rooms
- Residential Areas
- Garages
- Marine Lightings



PHOTOMETRIC



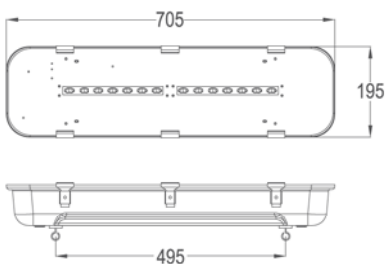
ORDER CODE

- 30W Symmetrical - LEDXION K04105 SY 30W
- 30W Asymmetrical - LEDXION K04105 ASY 30W
- 40W Symmetrical - LEDXION K04105 SY 40W
- 40W Asymmetrical - LEDXION K04105 ASY 40W
- 60W Symmetrical - LEDXION K04106 SY 60W
- 60W Asymmetrical - LEDXION K04106 ASY 60W

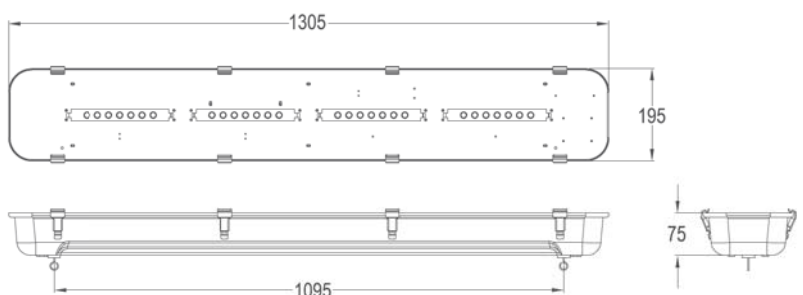
* Please indicate color temperature when ordering.

DIMENSION

LEDXION K04105



LEDXION K04106



LEDXION K11100

2 X 10W LED UP DOWN WALL LUMINAIRE

LED TECHNICAL DATA

Typical Luminous Flux & Efficiency @ 350 mA:

- 144lm

Max Junction Temperature:

- 150°C

Color Temperature:

- 3500K Warmwhite & 5300K Daylight

LED Life Cycle:

- 50,000 hrs

LUMINAIRE TECHNICAL DATA

LED Light Source:

- 2 LED Modules x 6 LUMILEDS LUXEON Rebel ES

Housing Material:

- Die-cast aluminium finished with durable epoxy coating

Operating Temperature:

- -30°C ~ +50°C

Power Supply:

- AC : 90 ~ 264V_{AC} 50 / 60Hz

Total System Power Consumption:

- 24W

Total Luminous Flux:

- 1200lm

Classification:

- Class I

Ingress Protection:

- IP65 (Lamp & Gear Compartments)

Nett Weight:

- 4.5kg

COMPLIANCE STANDARD

LED:

- LM 80

Driver:

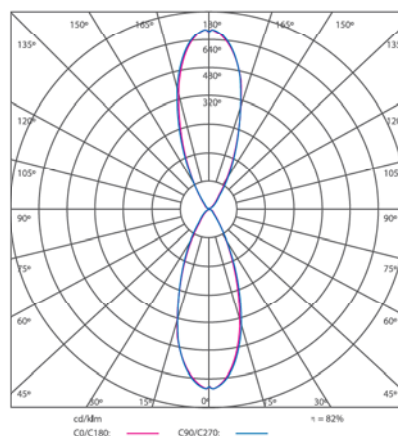
- CE, EN55015, EN61457



APPLICATION

- Historical Buildings
- Churches
- Theatres
- Museums
- Passageways
- Corridors Areas
- Exhibition Halls

PHOTOMETRIC

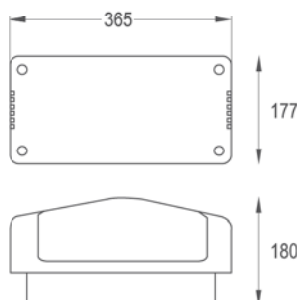


ORDER CODE

- 2x10W - LEDXION K11100 2x10W

* Please indicate color temperature when ordering.

DIMENSION



LEDXION K11101

2X10W LED UP DOWN WALL LUMINA RE

LED TECHNICAL DATA

Typical Luminous Flux & Efficiency @ 350 mA:

- 144lm

Max Junction Temperature:

- 150°C

Color Temperature:

- 3500K Warmwhite & 5300K Daylight

LED Life Cycle:

- 50,000 hrs

LUMINAIRE TECHNICAL DATA

LED Light Source:

- 2 LED Modules x 9 LUMILEDS LUXEON Rebel ES

Housing Material:

- Die-cast aluminium finished with durable epoxy coating

Operating Temperature:

- -30°C ~ +50°C

Power Supply:

- AC : 195 ~ 264V_{AC} 50 / 60Hz

Total System Power Consumption:

- 26W

Total Luminous Flux:

- 1100lm

Classification:

- Class I

Ingress Protection:

- IP65 (Lamp & Gear Compartments)

Nett Weight:

- 4.5kg

COMPLIANCE STANDARD

LED:

- LM 80

Driver:

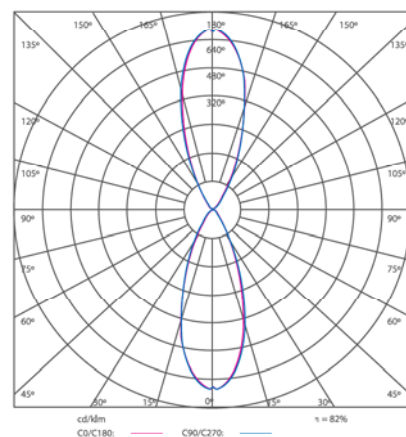
- CE, EN55015, EN61000, EN61457, EN61347



APPLICATION

- Historical Buildings
- Churches
- Theatres
- Museums
- Passageways
- Corridors Areas
- Exhibition Halls

PHOTOMETRIC

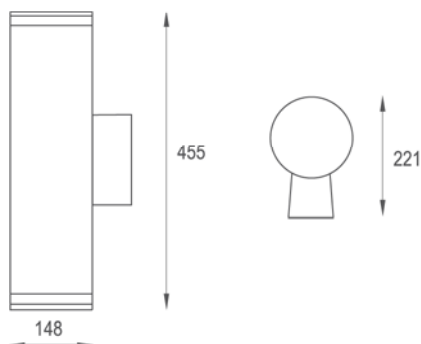


ORDER CODE

- 2x10W - LEDXION K11101 2x10W

* Please indicate color temperature when ordering.

DIMENSION



LEDXION K12104

60W & 90W LED LANDSCAPE LUMINAIRE

LED TECHNICAL DATA

Typical Luminous Flux & Efficiency @ 350 mA:

- 144lm

Max Junction Temperature:

- 150°C

Color Temperature:

- 5300K Daylight

LED Life Cycle:

- 50,000 hrs

LUMINAIRE TECHNICAL DATA

LED Light Source:

- 2 LED Modules x 14 LUMILEDS LUXEON Rebel ES (60W)
- 3 LED Modules x 14 LUMILEDS LUXEON Rebel ES (90W)

Housing Material:

- Hot-dipped galvanized mild steel finished with durable polyester epoxy powder coating (Akzo Nobel RAL 9006)

Operating Temperature:

- -30°C ~ +60°C

Power Supply:

- AC : 90 ~ 295V_{AC} 50 / 60Hz

Max System Power Consumption:

- 67W
- 103W

Total Luminous Flux:

- 5900lm - 60W
- 8850lm - 90W

Classification:

- Class I

Ingress Protection:

- IP66

COMPLIANCE STANDARD

LED:

- LM 80

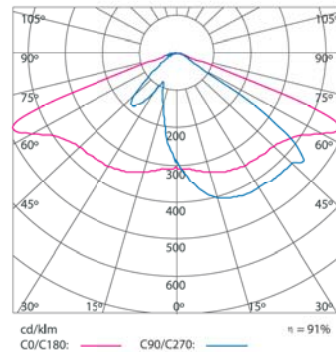
Driver:

- UL/CUL, CE, EN55015, EN61000, EN61457

APPLICATION

- Car Parks
- Parks & Gardens
- Pedestrian Precincts
- Shopping Areas & City Centers

PHOTOMETRIC

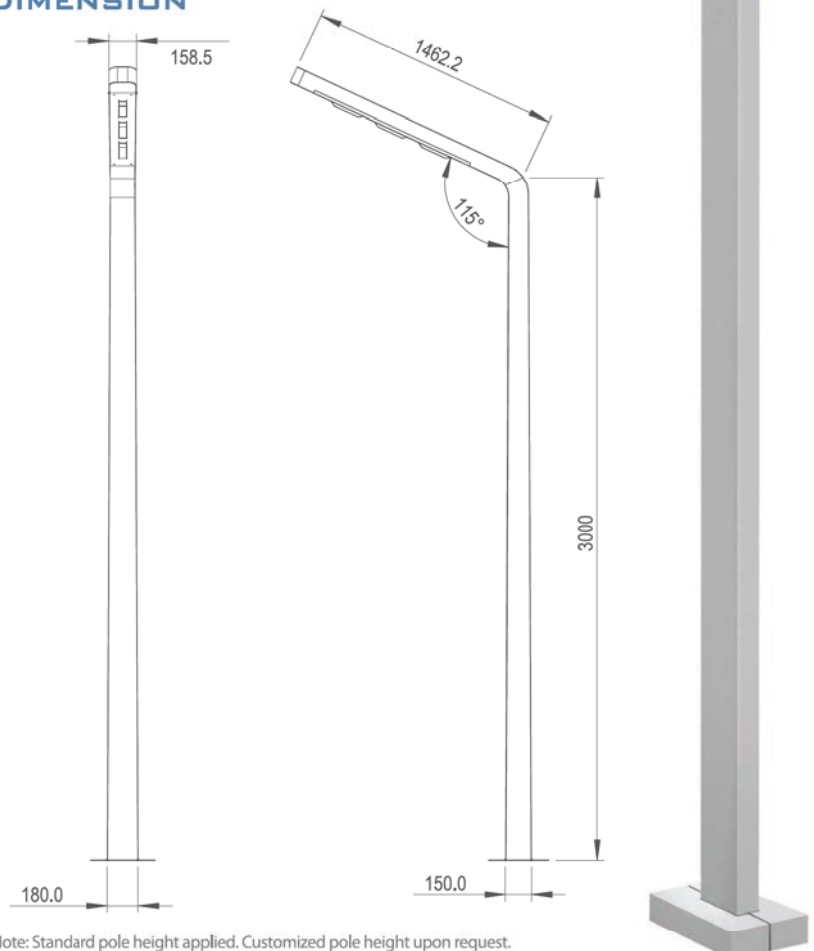


ORDER CODE

- 60W - LEDXION K12104 60W
- 90W - LEDXION K12104 90W

* Please indicate color temperature when ordering.

DIMENSION



Note: Standard pole height applied. Customized pole height upon request.

LEDXION K12102 & K12103 90W & 60W LED LANDSCAPE LUMINAIRE

LED TECHNICAL DATA

Typical Luminous Flux & Efficiency @ 350 mA:

- 144lm

Max Junction Temperature:

- 150°C

Color Temperature:

- 3500K Warmwhite & 5300K Daylight

LED Life Cycle:

- 50,000 hrs

LUMINAIRE TECHNICAL DATA

LED Light Source:

- 3 LED Modules x 14 LUMILEDS LUXEON Rebel ES (90W)
- 2 LED Modules x 14 LUMILEDS LUXEON Rebel ES (60W)

Housing Material:

- Die-cast aluminium finished with durable polyester epoxy powder coating (Akzo Nobel RAL 9006)

Operating Temperature:

- -30°C ~ +50°C

Power Supply:

- AC : 90 ~ 295V_{AC} 50 / 60Hz

Max System Power Consumption:

- 103W
- 67W

Total Luminous Flux:

- 6750lm - 90W
- 4550lm - 60W

Classification:

- Class I

Mounting Spigot:

- Ø76mm

Ingress Protection:

- IP54

Nett Weight:

- 13.5kg (excluding pole weight)

COMPLIANCE STANDARD

LED:

- LM 80

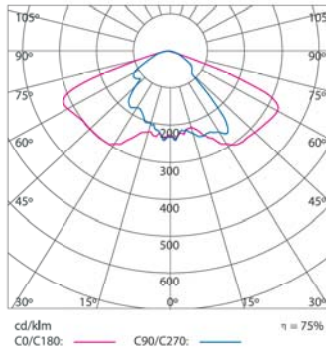
Driver:

- UL/CUL, CE, EN55015, EN61000, EN61457

APPLICATION

- Pedestrian Precincts
- Shopping Areas
- City Centers
- Parks & Gardens
- Car Parks

PHOTOMETRIC

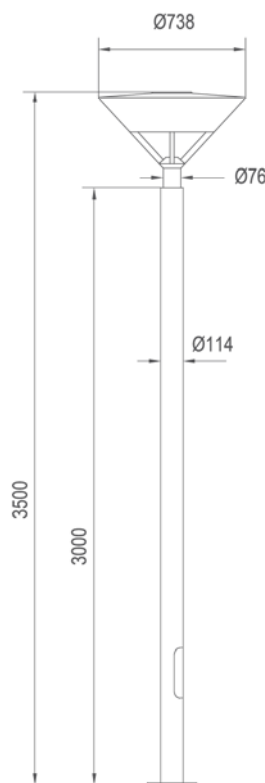


ORDER CODE

- 90W - LEDXION K12102 90W
- 60W - LEDXION K12103 60W

* Please indicate color temperature when ordering.

DIMENSION



Note: Pole is sold separately

LEDXION K01116 13W LED DOWNLIGHT

LED PERFORMANCE HIGHLIGHTS

- Special phosphor technology, enabling very high performance & rendering
- Latest LED technology inside ensuring performance and availability
- Optimized binning strategy (compliant with 3-step MacAdam)
- Low thermal resistance products are achieved by adopting unique COB structure
- Unique design reflector for shaping light distribution

LED TECHNICAL DATA

Color Temperature:

- 3000K Warmwhite

Rendering Index, Ra:

- 85

LED Life Cycle:

- 50,000 hrs

LUMINAIRE TECHNICAL DATA

LED Light Source:

- Citizen CLL020 Series

Housing & Trim Material:

- High pressure aluminium die-cast housing complete with white epoxy powder coating

Protective Glass:

- High transparency clear tempered glass

Mounting System:

- 2 nos of spring mounting bracket complete with adjustable angle housing

Reflector:

- Anti glare AL1090 Pebble-Facet finished

Heat Sink:

- 99.98% high purity Aluminium extrusion

Max. System Power Consumption:

- 15.5W

Total Luminous Flux:

- 710lm

Ingress Protection:

- IP20

Nett Weight:

- 0.6kg

COMPLIANCE STANDARD

LED:

- LM 80

Driver:

- EN55015, EN61000, EN61457, EN61347



LED POWER SUPPLY DATA

Model:

- Osram OPTOTRONIC Ote 15/220-240/350 PC trailing and leading edge DIMMABLE Electronic LED Driver

Input Voltage:

- 220 ~ 240V_{AC}

Power Factor:

- > 0.90

Output Power:

- 13W~16W

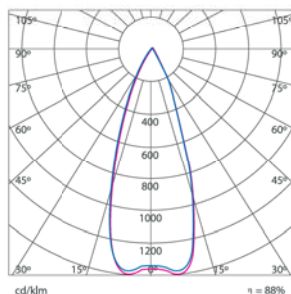
Output Current:

- 350mA

APPLICATION

- Wash Rooms, Commercial Areas, Residential Areas & Offices

PHOTOMETRIC



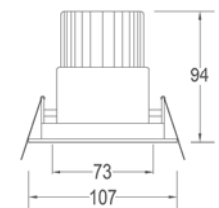
LUX DISTANCE

	Center Beam LUX	Beam Width V	Beam Width H
2m	488.79 LUX	1.2m	1.3m
4m	122.19 LUX	2.4m	2.5m
6m	54.30 LUX	3.6m	3.8m
8m	30.55 LUX	4.8m	5.0m
10m	19.54 LUX	6.0m	6.3m
12m	13.57 LUX	7.2m	7.5m

Vert. Spread: 33.4

Horiz. Spread: 34.8

DIMENSION



LEDXION K01117 & K01118 13W & 20W LED DOWNLIGHT

LED TECHNICAL DATA

Typical Luminous Flux & Efficiency @ 350 mA:

- 144lm

Max Junction Temperature:

- 150°C

Color Temperature:

- 3500K Warmwhite, 4000K Coolwhite & 5300K Daylight

Rendering Index:

- 70

LED Life Cycle:

- 50,000 hrs

LUMINAIRE TECHNICAL DATA

LED Light Source:

- 6 pcs LUMILEDS LUXEON Rebel ES (13W)
- 9 pcs LUMILEDS LUXEON Rebel ES (20W)

Housing Material:

- High pressure aluminium die-cast housing complete with white epoxy powder coating

Mounting System:

- 2 nos of spring mounting bracket complete with adjustable angle housing

Operating Temperature:

- -20°C ~ +45°C

Power Supply:

- 220 ~ 240Vac 50 / 60 Hz

Max System Power Consumption:

- 15W & 22W

Total Luminous Flux:

- 980lm - K01117 5300K
- 850lm - K01117 4000K
- 800lm - K01117 3500K
- 1470lm - K01118 5300K
- 1300lm - K01118 4000K
- 1240lm - K01118 3500K

Insulation Classification:

- Class II

Ingress Protection:

- IP20

Nett Weight:

- 0.4kg (13W)
- 0.6kg (20W)

COMPLIANCE STANDARD

LED:

- LM 80

Driver:

- EN55015, EN61000, EN61457, EN61347



LED POWER SUPPLY DATA

Model:

- Osram OPTOTRONIC Ote 15/220-240/700 PC trailing & leading edge DIMMABLE Electronic LED Driver
- Osram OPTOTRONIC Ote 20/220-240/700 PC trailing & leading edge DIMMABLE Electronic LED Driver

Input Voltage:

- 220 ~ 240V_{AC}

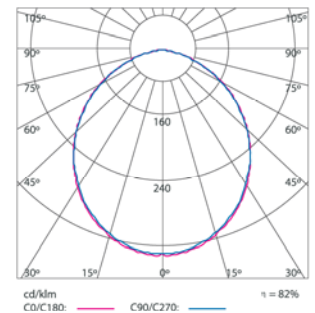
Power Factor:

- > 0.90

Output Current:

- 700mA

PHOTOMETRIC



APPLICATION

- Wash Rooms, Commercial Areas, Residential Areas & Offices

LUX DISTANCE

LEDXION K01117

	Center Beam LUX	Beam Width V H
2m	120.12 LUX	5.0m 5.0m
4m	30.03 LUX	9.9m 10.0m
6m	13.35 LUX	14.9m 14.9m
8m	7.5 LUX	19.8m 19.9m
10m	4.8 LUX	24.8m 24.9m
12m	3.33 LUX	29.7m 29.9m

Vert. Spread: 102.3

Horiz. Spread: 102.5

LEDXION K01118

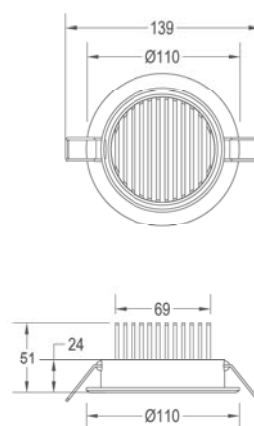
	Center Beam LUX	Beam Width V H
2m	172.66 LUX	5.0m 5.2m
4m	43.17 LUX	10.1m 10.5m
6m	19.18 LUX	15.1m 15.7m
8m	10.78 LUX	20.2m 21.0m
10m	6.9 LUX	25.2m 26.2m
12m	4.8 LUX	30.3m 31.4m

Vert. Spread: 103.2

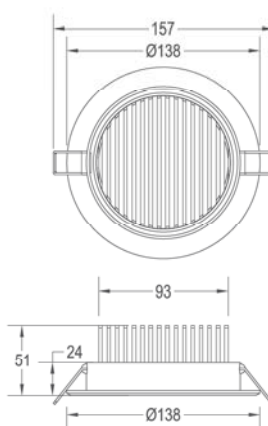
Horiz. Spread: 105.3

DIMENSION

LEDXION K01117



LEDXION K01118



LEDXION K01119 25W LED DOWNLIGHT

LED PERFORMANCE HIGHLIGHTS

- Special phosphor technology, enabling very high performance & rendering
- Latest LED technology inside ensuring performance and availability
- Optimized binning strategy (compliant with 3-step MacAdam)
- Low thermal resistance products are achieved by adopting unique COB structure

LED TECHNICAL DATA

Color Temperature:

- 3000K Warmwhite

Rendering Index, Ra:

- 80

LED Life Cycle:

- 50,000 hrs

LUMINAIRE TECHNICAL DATA

LED Light Source:

- Citizen CLL030 Series

Housing & Trim Material:

- High pressure aluminium die-cast housing complete with white epoxy powder coating

Protective Glass:

- High transparency clear tempered glass

Mounting System:

- 2 nos of spring mounting bracket complete with adjustable angle housing

Reflector:

- High purity aluminium

Heat Sink:

- High intensity aluminium extrusion

Max. System Power Consumption:

- 30W

Total Luminous Flux:

- 1800lm

Ingress Protection:

- IP20

Nett Weight:

- 1.6kg

COMPLIANCE STANDARD

LED:

- LM 80

Driver:

- EN55015, EN61000, EN61457



LED POWER SUPPLY DATA

Model:

- Inventronics LWC-024S070SSP-25W

Input Voltage:

- 100 ~ 240V_{AC}

Power Factor:

- > 0.90

Output Power:

- max 25W

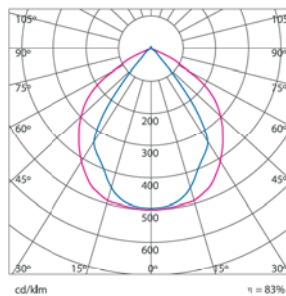
Output Current:

- 700mA

APPLICATION

- Wash Rooms, Commercial Areas, Residential Areas & Offices

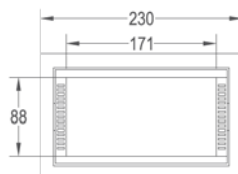
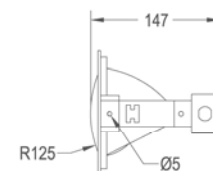
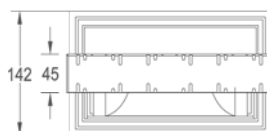
PHOTOMETRIC



LUX DISTANCE

	Center Beam LUX	Beam Width	
		V	H
2m	317.11 LUX	2.7m	4.8m
4m	79.27 LUX	5.3m	9.7m
6m	35.23 LUX	8.0m	14.5m
8m	19.81 LUX	10.6m	19.3m
10m	12.69 LUX	13.3m	24.1m
12m	8.8 LUX	15.9m	29.0m
Vert. Spread: 67.2		Horiz. Spread: 100.8	

DIMENSION



LEDXION K01120 & K01121 13W & 2 X 13W LED SQUARE DOWNLIGHT

LED PERFORMANCE HIGHLIGHTS

- Special phosphor technology, enabling very high performance & rendering
- Latest LED technology inside ensuring performance and availability
- Optimized binning strategy (compliant with 3-step MacAdam)
- Low thermal resistance products are achieved by adopting unique COB structure
- Unique design reflector for shaping light distribution

LED TECHNICAL DATA

Color Temperature:

- 3000K Warmwhite

Rendering Index, Ra:

- 85

LED Life Cycle:

- 50,000 hrs

LUMINAIRE TECHNICAL DATA

LED Light Source:

- Citizen CLL020 Series

Housing & Trim Material:

- High pressure aluminium die-cast housing complete with white epoxy powder coating

Mounting System:

- 2 nos of spring mounting bracket complete with adjustable angle housing

Reflector:

- Anti glare AL1090 Pebble-Facet finished

Heat Sink:

- 99.98% high purity Aluminium extrusion

Max. System Power Consumption:

- 15.5W / pc

Total Luminous Flux:

- 710lm / pc

Ingress Protection:

- IP20

Nett Weight:

- 0.6kg (13W)
- 1.3kg (2 x 13W)

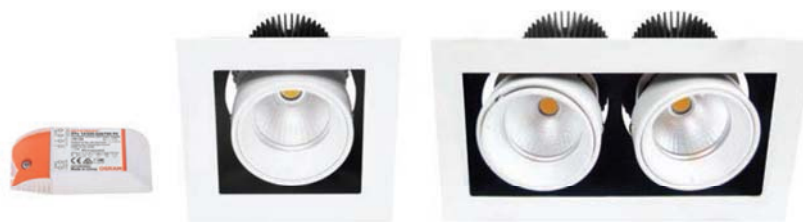
COMPLIANCE STANDARD

LED:

- LM 80

Driver:

- EN55015, EN61000, EN61457



LED POWER SUPPLY DATA

Model:

- Osram OPTOTRONIC Ote 15/220-240/350 PC trailing and leading edge DIMMABLE Electronic LED Driver

Input Voltage:

- 220 ~ 240V_{AC}

Power Factor:

- > 0.90

Output Power:

- 13W~16W

Output Current:

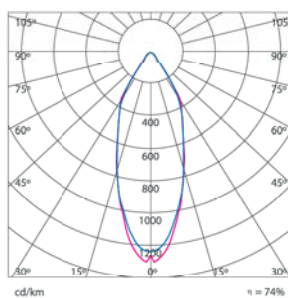
- 350mA

APPLICATION

- Wash Rooms, Commercial Areas, Residential Areas & Offices

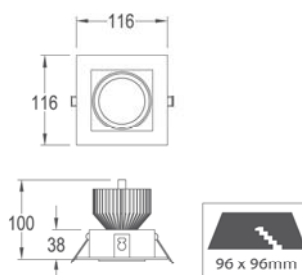
PHOTOMETRIC

LEDXION K01120 13W



DIMENSION

LEDXION K01120



LUX DISTANCE

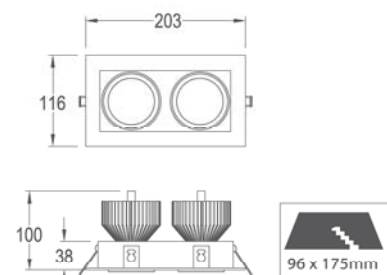
LEDXION K01120 13W

	Center Beam LUX	Beam Width	
		V	H
2m	458.91 LUX	1.4m	1.4m
4m	114.73 LUX	2.7m	2.8m
6m	50.98 LUX	4.1m	4.2m
8m	28.68 LUX	5.5m	5.6m
10m	18.36 LUX	6.8m	7.0m
12m	12.75 LUX	8.2m	8.3m

Vert. Spread: 37.8

Horiz. Spread: 38.4

LEDXION K01121



LEDXION MA SERIES 13W LED MODULAR DOWNLIGHT

LED PERFORMANCE HIGHLIGHTS

- Special phosphor technology, enabling very high performance & rendering
- Latest LED technology inside ensuring performance & availability
- Optimized binning strategy (compliant with 3-step MacAdam)
- Low thermal resistance products are achieved by adopting unique COB structure
- Unique design reflector for shaping light distribution



LED TECHNICAL DATA

Color Temperature:

- 3000K Warmwhite

Rendering Index, Ra:

- 85

LED Life Cycle:

- 50,000 hrs

LUMINAIRE TECHNICAL DATA

LED Light Source:

- Citizen CLL020 Series

Housing & Trim Material:

- High pressure aluminium die-cast housing complete with white epoxy powder coating

Protective Glass:

- High transparency clear tempered glass

Mounting System:

- mounting bracket complete with adjustable angle housing

Reflector:

- Anti glare AL1090 Pebble-Facet finished

Heat Sink:

- 99.98% high purity Aluminium extrusion

Max. System Power Consumption:

- 15.5W / pc

Total Luminous Flux:

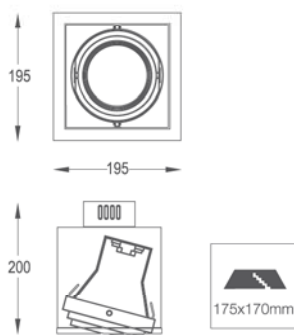
- 710lm / pc

Ingress Protection:

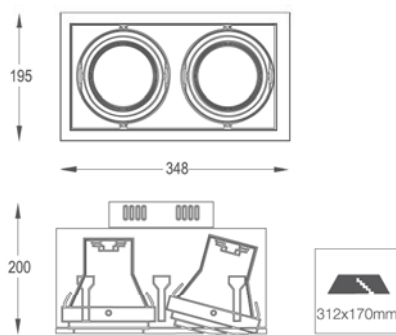
- IP20

DIMENSION

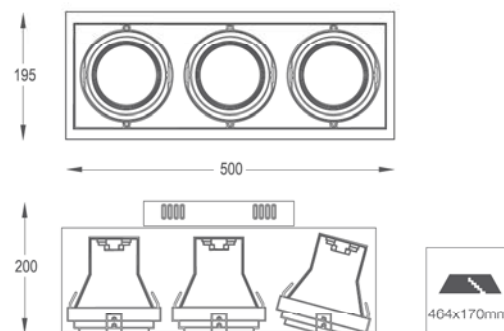
MA S17106



MA S17109



MA S17112

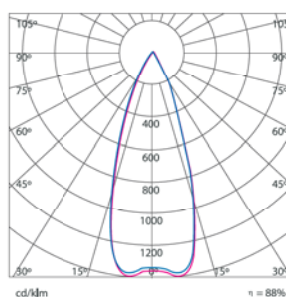


APPLICATION

- Washrooms, Shopping Malls, Commercial Areas, Residential Areas & Offices

PHOTOMETRIC

MA S17106 13W



LUX DISTANCE

MA S17106 13W

	Center Beam LUX	Beam Width V	Beam Width H
2m	726.54 LUX	1.0m	1.1m
4m	181.5 LUX	2.0m	2.1m
6m	80.73 LUX	3.0m	3.2m
8m	45.40 LUX	4.0m	4.2m
10m	29.05 LUX	4.9m	5.3m
12m	20.17 LUX	5.9m	6.3m

Vert. Spread: 27.8

Horiz. Spread: 29.5

ACCESSORIES

MA S17106



MA S17109



MA S17112



LIGHT SOURCE COMPATIBILITY

LED 13W MODULE



LEDXION PLANT GROWTH SERIES 30W LED MODULE

LED TECHNICAL DATA

Typical Luminous @ 350mA

- Royal Blue : 480mW
- Deep Red : 320mW
- White : 130lm

Max Junction Temperature:

- 150°C

Color Temperature:

- Royal Blue, Deep Red, White LEDs

LED Life Cycle:

- 50,000 hours

LUMINAIRE TECHNICAL DATA

LED Light Source:

- 14 LUMILEDS LUXEON Rebel ES Colour Portfolio

Housing Material:

- Die-cast aluminium finished with durable polyester epoxy powder coating (Akzo Nobel RAL 9006)

Operating Temperature:

- -30°C ~ +50°C

Power Supply:

- AC : 90 ~ 305V_{AC} 50 / 60Hz

Max System Power Consumption:

- 33W

Total Luminous Flux:

- 30W

Classification:

- Class II

Ingress Protection:

- IP54 (Lamp & Gear Compartments)

Nett Weight:

- 1.18 kg

COMPLIANCE STANDARD

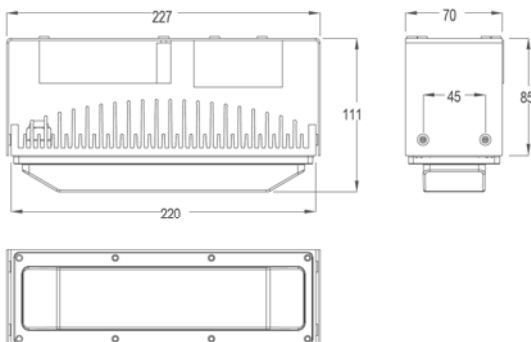
LED:

- LM 80

Driver:

- UL/CUL, CE, EN55015, EN61000, EN61457

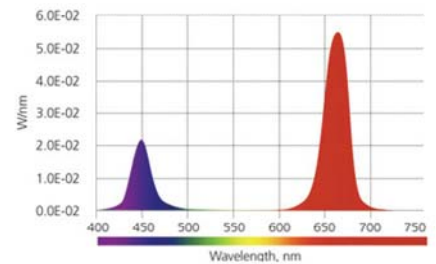
DIMENSION



SPECTRUM DESCRIPTION

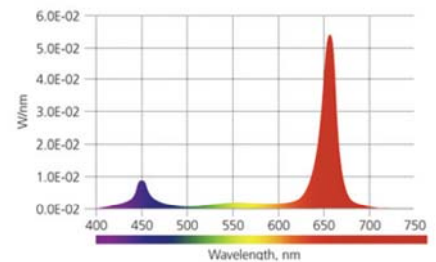
P1 SPECTRUM

- General purpose & high efficiency
- Suitable for a variety of plant species throughout their growth cycle
- Contains a high proportion of red light, which spurs photosynthesis
- Highest photon yield efficacy
- Recommended for applications with a tight electrical energy budget



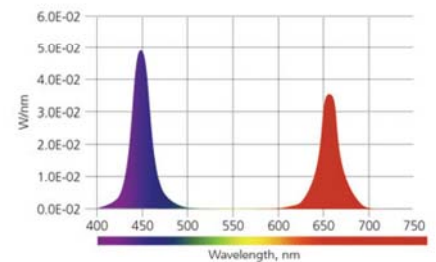
P2 SPECTRUM

- Best for germination & flowering
- Produces the fastest germination for plant species whose germination requires light
- Gives the best flowering results
- Recommended for use in germination chambers and flower production



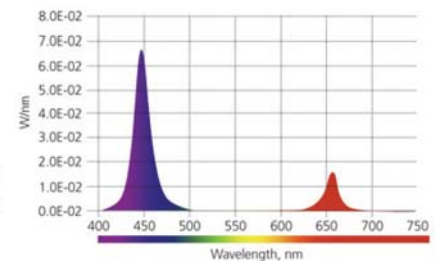
P3 SPECTRUM

- Best for vegetative growth
- Has an enhanced blue region
- Provides the fastest vegetative growth results
- The increased blue content reduces plant height
- Improving plant appearance & space utilization
- Recommended for the production of leafy green vegetables



P4 SPECTRUM

- Best for Seedlings
- Has the highest blue content
- Produces stocky plants with short internodal distances
- Highly desirable at the seedling stage
- Recommended for growing seedlings prior to transplantation



ORDER CODE

- 30W Plant Growth Miniature LED Module - P1 Spectrum (General Purpose, High Efficiency)
- 30W Plant Growth Miniature LED Module - P2 Spectrum (Best for Germination and Flowering)
- 30W Plant Growth Miniature LED Module - P3 Spectrum (Best for Vegetative Growth)
- 30W Plant Growth Miniature LED Module - P4 Spectrum (Best for Seedlings)



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