

LEDXION S419 & S429 SERIES 30W & 45W AC/DC LED STREET LANTERN

LED PERFORMANCE HIGHLIGHTS

Typical Luminous Flux & Efficiency @ 350 mA:

- 130lm

Viewing Angle:

- 160°

Thermal Resistance:

- 6°C/W

Max Junction Temperature:

- 150°C



TECHNICAL DATA

LED Light Source:

- 1 LED module x 14 LUMILEDS LUXEON Rebel ES
- 2 LED modules x 14 LUMILEDS LUXEON Rebel ES

Max LED Module Power Consumption:

- 30W
- 45W

Color Temperature:

- 5300K Daylight

LED Life Cycle:

- 50,000 hrs

Compliance Standard:

- LM 80
- IEC 60598-1-2:2006
- IEC 62031 : 2008

LUMINAIRE TECHNICAL DATA

Housing Material:

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

Operating Temperature:

- -30°C ~ +50°C

Power Supply:

- DC 30W : I/P 24Vdc ~ 27Vdc ; O/P : 48Vdc 700mA
- DC 45W : I/P 24Vdc ~ 27Vdc ; O/P : 48Vdc 1000mA
- AC : 90 ~ 295V_{AC} 50 / 60Hz

Max System Power Consumption:

- 36W
- 50W

Classification:

- Class I Power Supply

Ingress Protection:

- IP66 (Lamp & Gear Compartments)

Mounting Spigot:

- S419-150 : ø50mm
- S419-250 & S429 : ø65mm

Pole Installation Details (mm):

- S419-150 : Pole Diameter ø42-48mm
- S419-250 & S429 : Pole Diameter ø48-60mm

Weight:

- maximum 7kg

Note: Specifications are subject to change without prior notice.

APPLICATION

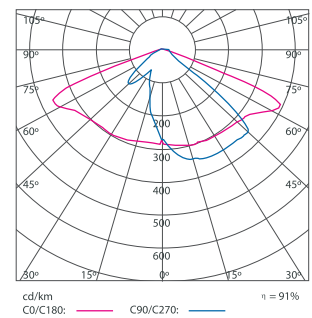
- Solar LED Lightings
- Pathways & Parks
- Shopping Areas & Car Parks
- Foot Paths & Access Ways
- Road Lightings & Residential Areas

PHOTOMETRIC

Actual Luminaire Measured

Typical Luminous Flux:

- 2500lm - 1 LED Module
- 4100lm - 2 LED Modules



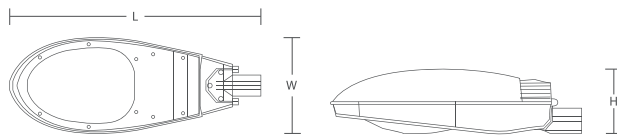
ORDER CODE

- S419-150 30W DC - LEDXION K09101
- S419-150 30W AC - LEDXION K09107
- S419-250 45W DC - LEDXION K09103
- S419-250 45W AC - LEDXION K09116
- S429 30W DC - LEDXION K09113
- S429 30W AC - LEDXION K09105
- S429 45W DC - LEDXION K09114
- S429 45W AC - LEDXION K09115

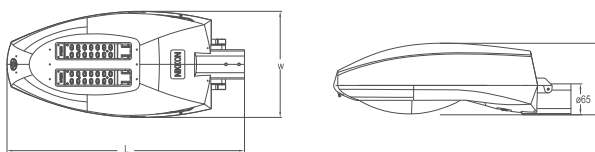
DIMENSION

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

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



S429 : L= 642mm W= 287mm H= 193mm



NIKKON[®]

LEDXION S419 SERIES 60W, 90W & 120W LED STREET LANTERN

LED PERFORMANCE HIGHLIGHTS

Typical Luminous Flux & Efficiency @ 350 mA:

- 130lm

Viewing Angle:

- 160°

Thermal Resistance:

- 6°C/W

Max Junction Temperature:

- 150°C

TECHNICAL DATA

LED Light Source:

- 2 LED Modules x 14 LUMILEDS LUXEON Rebel ES
- 3 LED Modules x 14 LUMILEDS LUXEON Rebel ES
- 4 LED Modules x 14 LUMILEDS LUXEON Rebel ES

Max LED Module Power Consumption:

- 60W (2 LED Modules)
- 90W (3 LED Modules)
- 120W (4 LED Modules)

Heat Thermal Management:

- 48V_{AC} Fan (for 120W SL Only)

Color Temperature:

- 5300K Daylight

LED Life Cycle:

- 50,000 hrs

Compliance Standard:

- LM 80, IEC 60598-1-2 : 2006, IEC 62031 : 2008

LUMINAIRE TECHNICAL DATA

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:

- 68W (2 LED Modules)
- 103W (3 LED Modules)
- 143W (4 LED Modules)

Classification:

- Class I Power Supply

Ingress Protection:

- IP66 (Lamp & Gear Compartments)

Mounting Spigot:

- Ø65mm

Pole Installation Details (mm):

- Pole Diameter Ø48-60mm

Weight:

- 8.6kg (LEDXION K09109)
- 9.5kg (LEDXION K09102)
- 12 kg (LEDXION K09102)

Note: Specifications are subject to change without prior notice.



APPLICATION

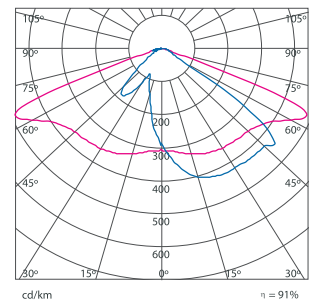
- General Minings & Conveyor Lightings
- Pathways & Parks
- Shopping Areas & Car Parks
- Foot Paths & Access Ways
- Road Lightings & Residential Areas

PHOTOMETRIC

Actual Luminaire Measured

Typical Luminous Flux:

- 5100lm - 2 LED Modules
- 7450lm - 3 LED Modules
- 10400lm - 4 LED Modules



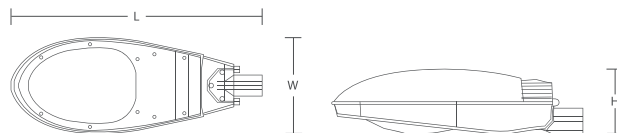
ORDER CODE

- S419-250 60W (2 X LED Module) - LEDXION K09109
- S419-400 90W (3 X LED Module) - LEDXION K09102
- S419-400 120W (4 X LED Module) - LEDXION K09108

DIMENSION

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

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



LEDXION K17100 & K17101

120W & 150W LED AREA LUMINAIRE

LED PERFORMANCE HIGHLIGHTS

Typical Luminous Flux & Efficiency @ 350 mA:

- 130lm

Viewing Angle:

- 160°

Thermal Resistance:

- 6°C/W

Max Junction Temperature:

- 150°C

TECHNICAL DATA

LED Light Source:

- 4 LED Modules x 14 LUMILEDS LUXEON Rebel ES
- 5 LED Modules x 14 LUMILEDS LUXEON Rebel ES

Max LED Module Power Consumption:

- 120W (4 LED Modules)
- 150W (5 LED Modules)

Color Temperature:

- 5300K Daylight

LED Life Cycle:

- 50,000 hrs

Compliance Standard:

- LM 80
- IEC 60598-1-2:2006
- IEC 62031 : 2008

LUMINAIRE TECHNICAL DATA

Housing Material:

- Electro galvanized steel housing with RAL 9006 / dark grey epoxy powder coating

Operating Temperature:

- -30°C ~ +50°C

Power Supply:

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

Max System Power Consumption:

- 143W (4 LED Modules)
- 173W (5 LED Modules)

Classification:

- Class I Power Supply

Ingress Protection:

- IP66 (Lamp & Gear Compartments)

Spigot:

- ø65mm Tiltable Spigot

Pole Installation Details (mm):

- Pole Diameter ø60mm

Weight:

- 9kg (LEDXION K17100)
- 12kg (LEDXION K17101)



APPLICATION

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

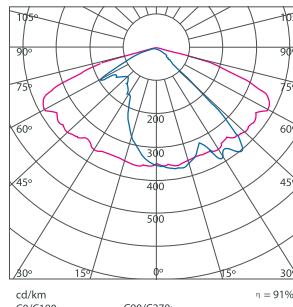
PHOTOMETRIC

Actual Luminaire Measured

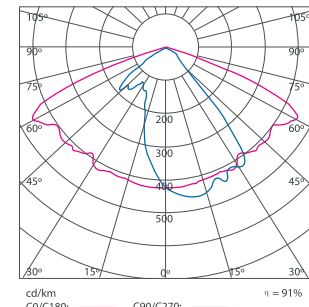
Typical Luminous Flux:

- 9900lm - 4 LED Modules
- 12000lm - 5 LED Modules

LEDXION K17100



LEDXION K17101

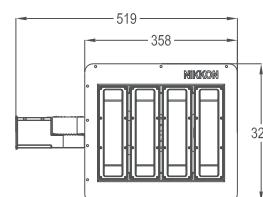
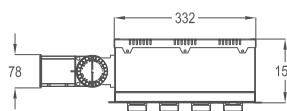


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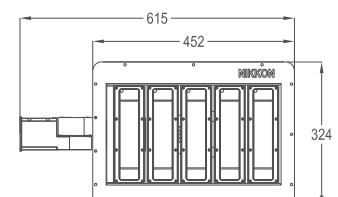
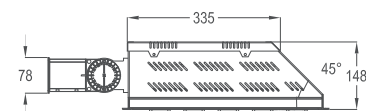
- 120W (4 x LED Module) - LEDXION K17100
- 150W (5 x LED Module) - LEDXION K17101

DIMENSION

LEDXION K17100



LEDXION K17101



LEDXION K10117 220W LED FLOODLIGHT

LED PERFORMANCE HIGHLIGHTS

Typical Luminous Flux & Efficiency @ 350 mA:

- 130lm

Viewing Angle:

- 160°

Thermal Resistance:

- 6°C/W

Max Junction Temperature:

- 150°C

TECHNICAL DATA

LED Light Source:

- 7 LED Modules x 14 LUMILEDS LUXEON Rebel ES

Max LED Module Power Consumption:

- 220W (7 LED Modules)

Color Temperature:

- 5300K Daylight

LED Life Cycle:

- 50,000 hrs

Compliance Standard:

- LM 80
- IEC 60598-1-2:2006
- IEC 62031 : 2008

LUMINAIRE TECHNICAL DATA

Housing Material:

- Stainless steel or electro galvanised steel housing with Akzo Nobel Interpon dark grey epoxy powder finished

Operating Temperature:

- -30°C ~ +50°C

Power Supply:

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

Max System Power Consumption:

- 245W (7 LED Modules)

Classification:

- Class I Power Supply

Ingress Protection:

- IP66 (Lamp & Gear Compartments)

Weight:

- 15kg



APPLICATION

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

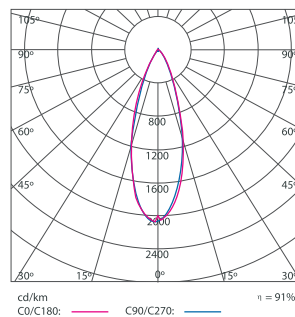
PHOTOMETRIC

Actual Luminaire Measured

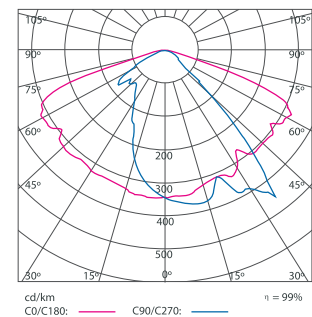
Typical Luminous Flux:

- 18000lm - 7 LED Modules

LEDXION K10117 - Narrow



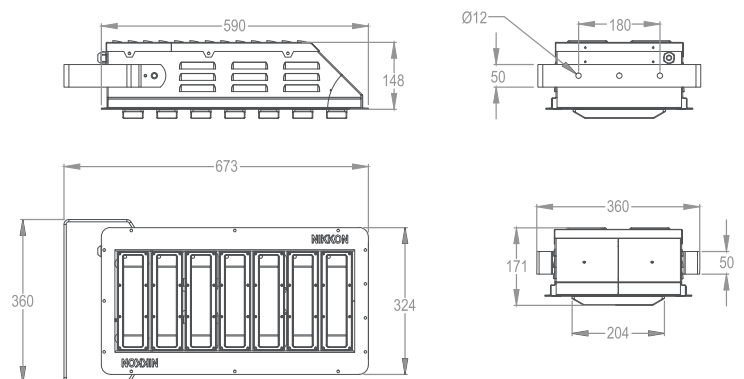
LEDXION K10117 - Narrow



ORDER CODE

- 220W Narrow Beam (7 x LED Module) - LEDXION K10117 FL Narrow
- 220W Wide Beam (7 x LED Module) - LEDXION K10117 FL Wide

DIMENSION



LEDXION K10107 27W LED FLOODLIGHT

LED PERFORMANCE HIGHLIGHTS

Typical Luminous Flux & Efficiency @ 350 mA:

- 130lm

Viewing Angle:

- 160°

Thermal Resistance:

- 6°C/W

Max Junction Temperature:

- 150°C

TECHNICAL DATA

LED Light Source:

- 1 LED Module x 12 LUMILEDS LUXEON Rebel ES

Max LED Module Power Consumption:

- 27W

Color Temperature:

- 5300K Daylight

LED Life Cycle:

- 50,000 hrs

LUMINAIRE TECHNICAL DATA

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

Classification:

- Class II Power Supply

Ingress Protection:

- IP65 (Lamp & Gear Compartments)

Weight:

- 3kg



APPLICATION

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

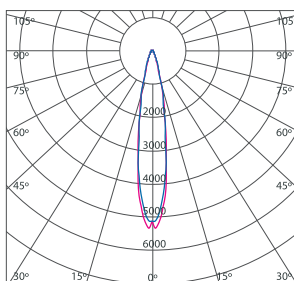
PHOTOMETRIC

Actual Luminaire Measured

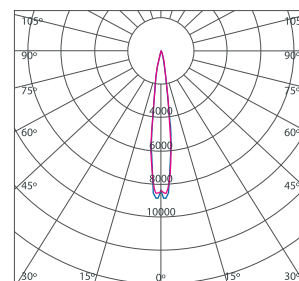
Typical Luminous Flux:

- 2450lm

PRISMATIC DIFFUSER (40°)



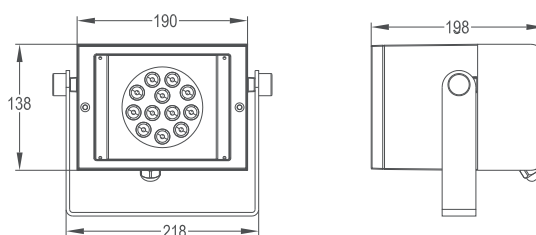
CLEAR DIFFUSER (15°)



ORDER CODE

- 27W Floodlight C/W Prismatic Diffuser - LEDXION K10107 Prismatic
- 27W Floodlight C/W Clear Diffuser - LEDXION K10107 Clear

DIMENSION



LEDXION MINIATURE SERIES

10W, 20W, 40W & 60W LED FLOODLIGHT



LEDXION K10111
(10-20W)



LEDXION K10112
(30-40W)



LEDXION K10113
(50-60W)

TECHNICAL DATA

LED Light Source:

- LEDXION K10111: CBAC-88-5028 AC Multi-dice LED
- LEDXION K10112: 18 LUMILEDS LUXEON Rebel ES
- LEDXION K10113: 26 LUMILEDS LUXEON Rebel ES

Max LED Module Power Consumption:

- LEDXION K10111: 10-20W
- LEDXION K10112: 40W
- LEDXION K10113: 60W

Color Temperature:

- 3000K, 3500K, 4000K, 5300K & 6500K

LED Life Cycle:

- CBAC-88-5028 AC Multi-dice LED: 30,000 hrs
- Phillips LUMILEDS LUXEON Rebel ES: 50,000 hrs

LUMINAIRE TECHNICAL DATA

Housing Material:

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

Diffuser:

- Anti glare high transparency frosted tempered glass diffuser

Operating Temperature:

- -30°C ~ +50°C

Power Supply:

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

Max System Power Consumption:

- LEDXION K10111: 22W
- LEDXION K10112: 47W
- LEDXION K10113: 68W

Classification:

- Class I Power Supply

Ingress Protection:

- IP65 (Lamp & Gear Compartments)

Weight:

- 3 kg (LEDXION K10111)
- 4 kg (LEDXION K10112)
- 5 kg (LEDXION K10113)

LED PERFORMANCE HIGHLIGHTS (PHILIPS LUMILEDS LUXEON REBEL ES)

Typical Luminous Flux & Efficiency @ 700 mA:

- 130lm

Viewing Angle:

- 160°

Thermal Resistance:

- 6°C/W

Max Junction Temperature:

- 150°C

APPLICATION

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

FEATURES



High Transparency Frosted
Tempered Glass Diffuser



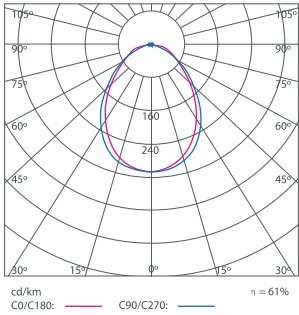
Excellent Thermal Conductivity
Die-Cast Housing

PHOTOMETRIC

Typical Luminous Flux:

- 10W - 650 lm
- 20W - 1400 lm

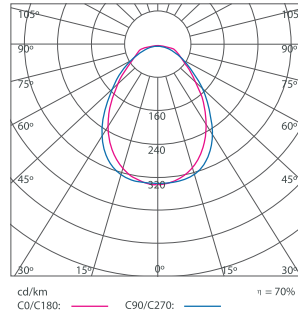
LEDXION K10111



Typical Luminous Flux:

- 40W - 2800 lm

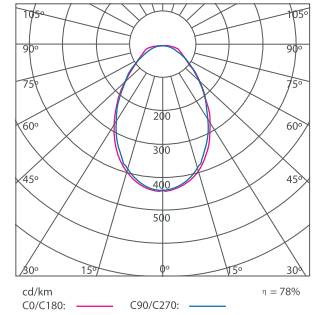
LEDXION K10112



Typical Luminous Flux:

- 60W - 4800 lm

LEDXION K10113

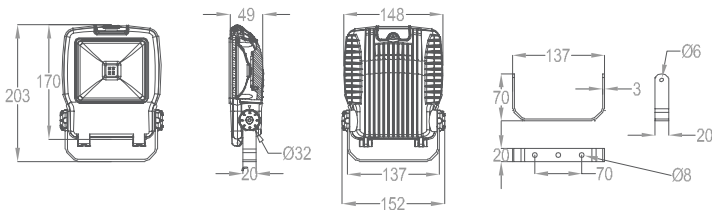


ORDER CODE

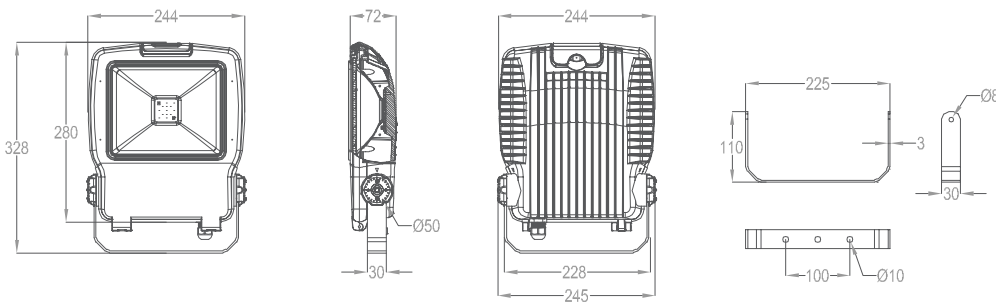
- 10W Miniature LED Floodlight - LEDXION K10111 10W
- 20W Miniature LED Floodlight - LEDXION K10111 20W
- 40W Miniature LED Floodlight - LEDXION K10112 40W
- 60W Miniature LED Floodlight - LEDXION K10113 60W

DIMENSION

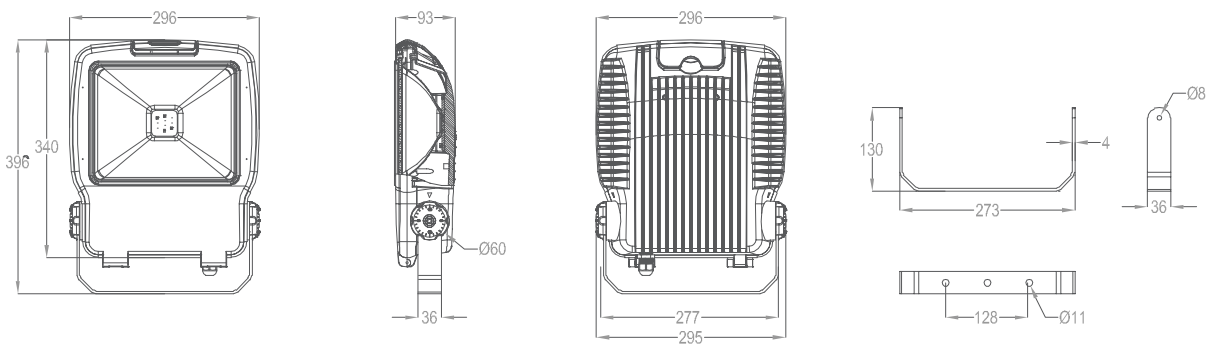
LEDXION K10111



LEDXION K10112



LEDXION K10113



LEDXION K10114 60W & 90W LED FLOODLIGHT

LED PERFORMANCE HIGHLIGHTS

Typical Luminous Flux & Efficiency @ 350 mA:

- 130lm

Viewing Angle:

- 160°

Thermal Resistance:

- 6°C/W

Max Junction Temperature:

- 150°C

TECHNICAL DATA

LED Light Source:

- 2 LED Modules x 14 LUMILEDS LUXEON Rebel ES
- 3 LED Modules x 14 LUMILEDS LUXEON Rebel ES

Max LED Module Power Consumption:

- 60W (2 LED Modules)
- 90W (3 LED Modules)

Heat Thermal Management:

- 48Vdc Fan (120 x 120 x 38mm - for 90W FL only)

Color Temperature:

- 5300K Daylight

LED Life Cycle:

- 50,000 hrs

Compliance Standard:

- LM 80
- IEC 60598-1-2:2006
- IEC 62031 : 2008

LUMINAIRE TECHNICAL DATA

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:

- 68W (2 LED Modules)
- 103W (3 LED Modules)

Classification:

- Class I Power Supply

Ingress Protection:

- IP66 (Lamp & Gear Compartments)

Weight:

- Maximum 9.5kg



APPLICATION

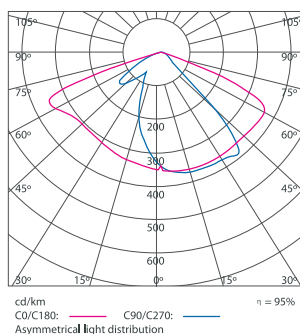
- Historical Buildings
- Churches
- Theatres
- Passage Ways
- Corridors
- Exhibition Halls

PHOTOMETRIC

Actual Luminaire Measured

Typical Luminous Flux:

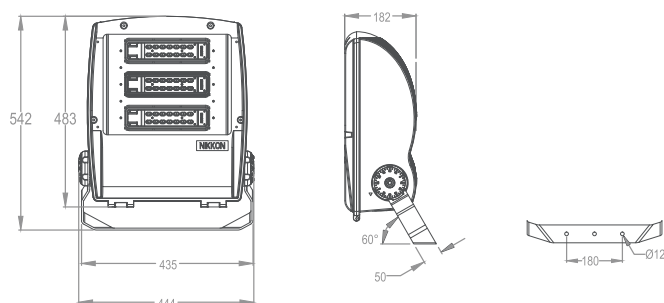
- 5200lm - 2 LED Modules
- 7800lm - 3 LED Modules



ORDER CODE

- 60W Symmetrical (2 X LED Module) - LEDXION K10114 60W SY
- 60W Asymmetrical (2 X LED Module) - LEDXION K10114 60W ASY
- 90W Asymmetrical (3 X LED Module) - LEDXION K10114 90W ASY

DIMENSION



LEDXION K10104 & K10105 60W LED FLOODLIGHT

LED PERFORMANCE HIGHLIGHTS

Typical Luminous Flux & Efficiency @ 350 mA:

- 130lm

Viewing Angle:

- 160°

Thermal Resistance:

- 6°C/W

Max Junction Temperature:

- 150°C

TECHNICAL DATA

LED Light Source:

- 2 LED Modules x 14 LUMILEDS LUXEON Rebel ES

Max LED Module Power Consumption:

- 60W (2 LED Modules)

Color Temperature:

- 5300K Daylight

LED Life Cycle:

- 50,000 hrs

Compliance Standard:

- LM 80
- IEC 60598-1-2:2006
- IEC 62031 : 2008

LUMINAIRE TECHNICAL DATA

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:

- 68W (2 LED Modules)

Classification:

- Class I Power Supply

Ingress Protection:

- IP66 (Lamp & Gear Compartments)

Weight:

- 8kg



APPLICATION

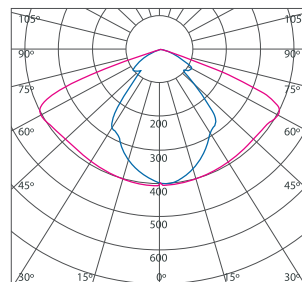
- Historical Buildings
- Churches
- Theatres
- Passage Ways
- Corridors
- Exhibition Halls

PHOTOMETRIC

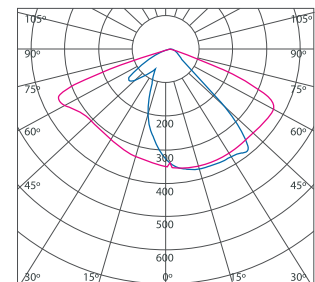
Actual Luminaire Measured

Typical Luminous Flux:

- 5180lm - 2 LED Modules Asymmetrical Distribution
- 5040lm - 2 LED Modules Symmetrical Distribution



cd/km C0/C180: C90/C270: η = 93%
Symmetrical light distribution

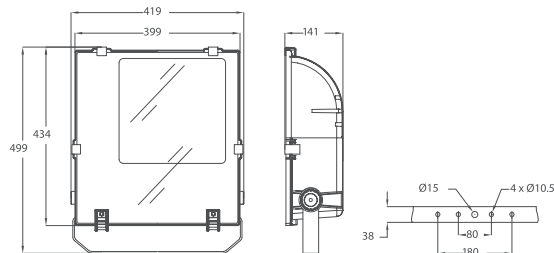


cd/km C0/C180: C90/C270: η = 95%
Asymmetrical light distribution

ORDER CODE

- 60W Symmetrical (2 X LED Module) - LEDXION K10104
- 60W Asymmetrical (2 X LED Module) - LEDXION K10105

DIMENSION



LEDXION K14100 120W LED HIGHBAY

LED PERFORMANCE HIGHLIGHTS

Typical Luminous Flux & Efficiency @ 350 mA:

- 130lm

Viewing Angle:

- 160°

Thermal Resistance:

- 6°C/W

Max Junction Temperature:

- 150°C

TECHNICAL DATA

LED Light Source:

- 4 LED Modules x 14 LUMILEDS LUXEON Rebel ES

Max LED Module Power Consumption:

- 120W (4 LED Modules)

Color Temperature:

- 5300K Daylight

LED Life Cycle:

- 50,000 hrs

Compliance Standard:

- LM 80
- IEC 60598-1-2:2006
- IEC 62031 : 2008

LUMINAIRE TECHNICAL DATA

Housing Material:

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

Operating Temperature:

- -30°C ~ +50°C

Power Supply:

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

Max System Power Consumption:

- 143W (4 LED Modules)

Classification:

- Class I Power Supply

Ingress Protection:

- IP66 (Lamp & Gear Compartments)

Installation Method:

- Eyelet Hanging System

Weight:

- 7.8kg



APPLICATION

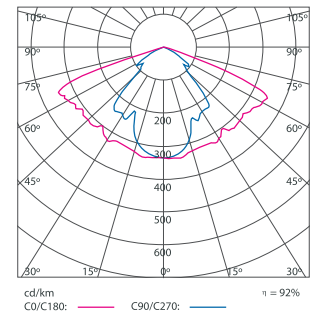
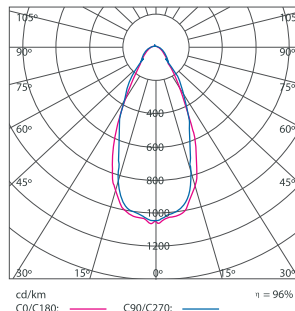
- Warehouses
- Multipurpose Halls
- Exhibition Halls
- Production Areas
- Factories

PHOTOMETRIC

Actual Luminaire Measured

Typical Luminous Flux:

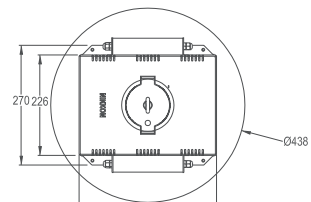
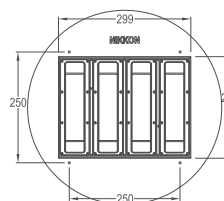
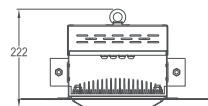
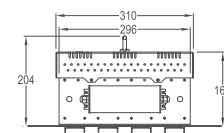
- 10500lm - 4 LED Modules (Narrow Beam)
- 10400lm - 4 LED Modules (Wide Beam)



ORDER CODE

- 120W Narrow Beam (4 x LED Module) - LEDXION K14100 Narrow
- 120W Wide Beam (4 x LED Module) - LEDXION K14100 Wide

DIMENSION



LEDXION K03104 & K03106 120W LED LOWBAY

LED PERFORMANCE HIGHLIGHTS

Typical Luminous Flux & Efficiency @ 350 mA:

- 130lm

Viewing Angle:

- 160°

Thermal Resistance:

- 6°C/W

Max Junction Temperature:

- 150°C

TECHNICAL DATA

LED Light Source:

- 4 LED Modules x 14 LUMILEDS LUXEON Rebel ES

Max LED Module Power Consumption:

- 120W (4 LED Modules)

Color Temperature:

- 5300K Daylight

LED Life Cycle:

- 50,000 hrs

Compliance Standard:

- LM 80
- IEC 60598-1-2:2006
- IEC 62031 : 2008

LUMINAIRE TECHNICAL DATA

Housing Material:

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

Operating Temperature:

- -30°C ~ +50°C

Power Supply:

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

Max System Power Consumption:

- 143W (4 LED Modules)

Classification:

- Class I Power Supply

Ingress Protection:

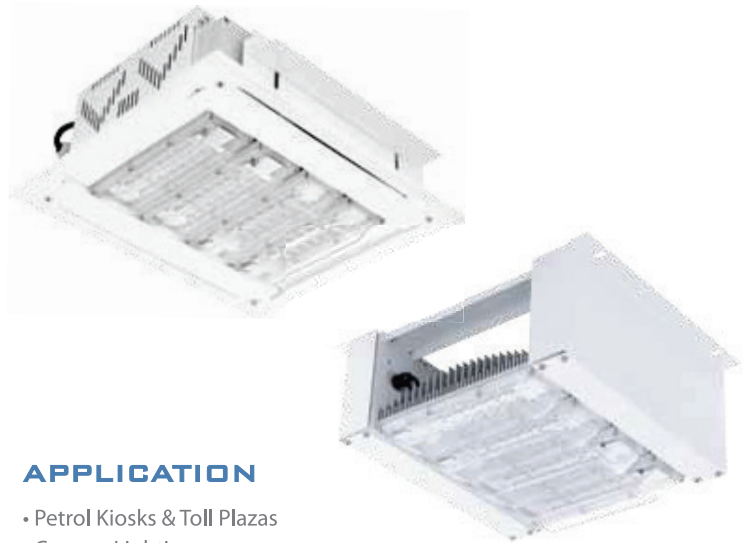
- IP66 (Lamp & Gear Compartments)

Opening Hole :

- 370 x 325 mm (for Recessed Mounted)

Weight:

- 9kg



APPLICATION

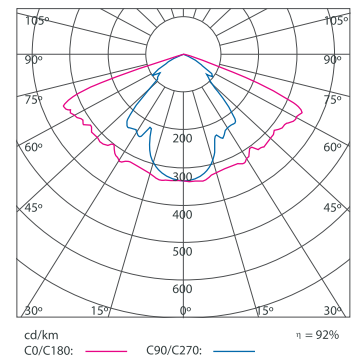
- Petrol Kiosks & Toll Plazas
- Canopy Lightings
- Multipurpose Halls
- Warehouses & Gymnasiums
- Exhibition Halls

PHOTOMETRIC

Actual Luminaire Measured

Typical Luminaire Flux:

- 10400lm - 4 LED Modules

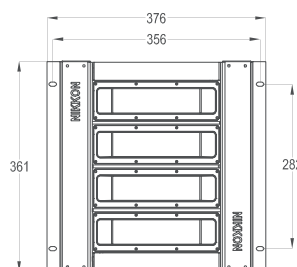
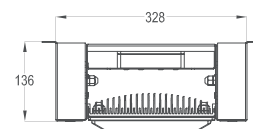


ORDER CODE

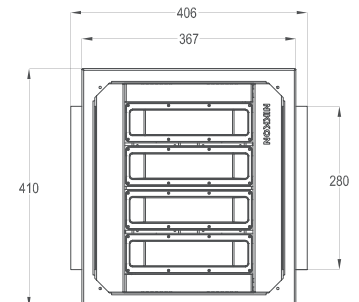
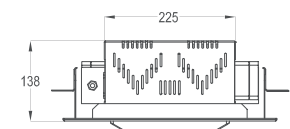
- 120W Recessed Mounted (4 x LED Module) - LEDXION K03104
- 120W Surface Mounted (4 x LED Module) - LEDXION K03106

DIMENSION

LEDXION K03104



LEDXION K03106



Note: Specifications are subject to change without prior notice.

LEDXION K04104 & K04105 30W & 45W LED FLUORESCENT LUMINAIRE

LED PERFORMANCE HIGHLIGHTS

Typical Luminous Flux & Efficiency @ 350 mA:

- 130lm

Viewing Angle:

- 160°

Thermal Resistance:

- 6°C/W

Max Junction Temperature:

- 150°C

TECHNICAL DATA

LED Light Source:

- 2 LED Modules x 14 LUMILEDS LUXEON Rebel ES
- 1 LED Module x 14 LUMILEDS LUXEON Rebel ES

Max LED Module Power Consumption:

- 45W (2 LED Modules)
- 30W (1 LED Module)

Color Temperature:

- 5300K Daylight

LED Life Cycle:

- 50,000 hrs

Compliance Standard:

- LM 80
- IEC 60598-1-2:2006
- IEC 62031 : 2008

LUMINAIRE TECHNICAL DATA

Housing Material:

- Stainless steel body & tempered glass diffuser

Operating Temperature:

- -30°C ~ +50°C

Power Supply:

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

Max System Power Consumption:

- 50.2W
- 37.2W

Classification:

- 45W: External Class I Power Supply
- 30W: Integrated Class I Power Supply

Ingress Protection:

- IP66 (Lamp & Gear Compartments)

Weight:

- Maximum 5kg



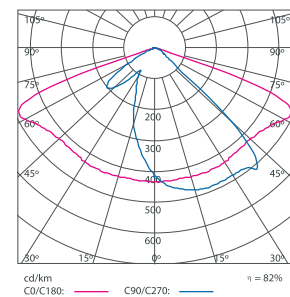
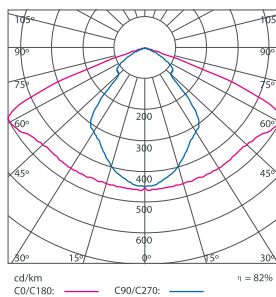
APPLICATION

- Distillation Plants
- Boiler Rooms
- Residential Areas
- Garages

PHOTOMETRIC

Actual Luminaire Measured Typical Luminous flux:

- 4080lm - 45W (2 LED Modules)
- 2730lm - 30W (1 LED Module)

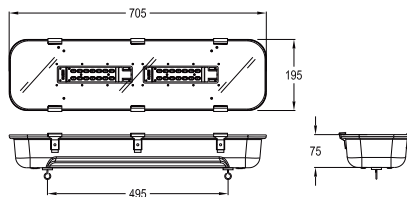


ORDER CODE

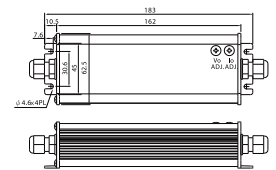
- 45W Symmetrical (2 x LED Module) - LEDXION K04104 SY
- 45W Asymmetrical (2 x LED Module) - LEDXION K04104 ASY
- 30W Asymmetrical (1 x LED Module) - LEDXION K04105 ASY

DIMENSION

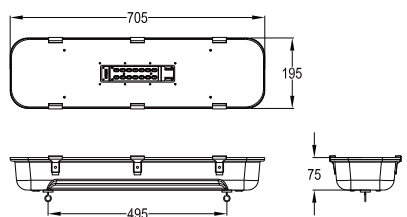
LEDXION K04104 45W 5300K



LED Driver



LEDXION K04105 30W 5300K



LEDXION K11100 20W LED WALL LUMINAIRE

LED PERFORMANCE HIGHLIGHTS

Typical Luminous Flux & Efficiency @ 350 mA:

- 130lm

Viewing Angle:

- 160°

Thermal Resistance:

- 6°C/W

Max Junction Temperature:

- 150°C

TECHNICAL DATA

LED Light Source:

- 2 LED Modules x 6 LUMILEDS LUXEON Rebel ES

Max LED Module Power Consumption:

- 20W (2 LED Modules)

Color Temperature:

- 5300K Daylight

LED Life Cycle:

- 50,000 hrs

LUMINAIRE TECHNICAL DATA

Housing Material:

- Die-cast aluminium finished with durable epoxy coating

Operating Temperature:

- -30°C ~ +50°C

Power Supply:

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

Total System Power Consumption:

- 24W (2 LED Modules)

Classification:

- Class I Power Supply

Ingress Protection:

- IP65 (Lamp & Gear Compartments)

Weight:

- 4.5kg



APPLICATION

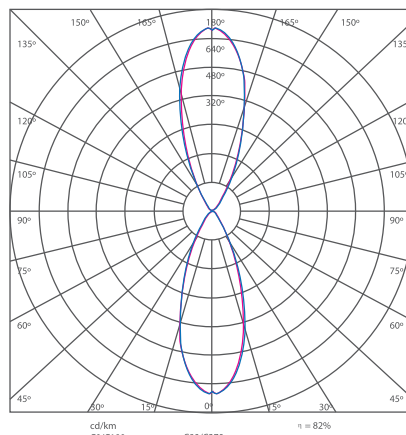
- Historical Buildings
- Churches
- Theatres
- Museums
- Passageways
- Corridors Areas
- Exhibition Halls

PHOTOMETRIC

Actual Luminaire Measured

Typical Luminous Flux:

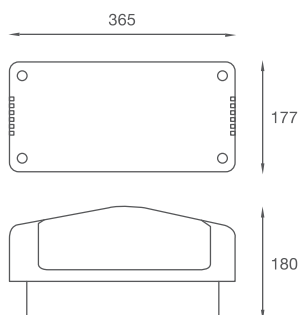
- 1500lm - 2 LED Modules



ORDER CODE

- 20W (2 x LED Module) - LEDXION K11100

DIMENSION



LEDXION K12104

60W & 90W LED LANDSCAPE LUMINAIRE

LED PERFORMANCE HIGHLIGHTS

Typical Luminous Flux & Efficiency @ 350 mA:

- 130lm

Viewing Angle:

- 160°

Thermal Resistance:

- 6°C/W

Max Junction Temperature:

- 150°C

TECHNICAL DATA

LED Light Source:

- 3 LED Modules x 14 LUMILEDS LUXEON Rebel ES
- 2 LED Modules x 14 LUMILEDS LUXEON Rebel ES

Max LED Module Power Consumption:

- 90W (3 LED Modules) & 60W (2 LED Modules)

Color Temperature:

- 5300K Daylight

LED Life Cycle:

- 50,000 hrs

Compliance Standard:

- LM 80, IEC 60598-1-2:2006 & IEC 62031 : 2008

LUMINAIRE TECHNICAL DATA

Housing Material:

- Hot-dipped galvanized mild steel 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 (3 LED Modules) & 67W (2 LED Modules)

Classification:

- Class I Power Supply

Ingress Protection:

- IP66

Weight:

- 10kg (excluding pole weight)

APPLICATION

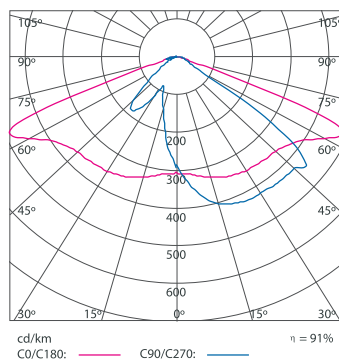
- Pedestrian Precincts
- Shopping Areas & City Centers
- Parks & Gardens
- Car Parks

PHOTOMETRIC

Actual Luminaire Measured

Typical Luminous Flux:

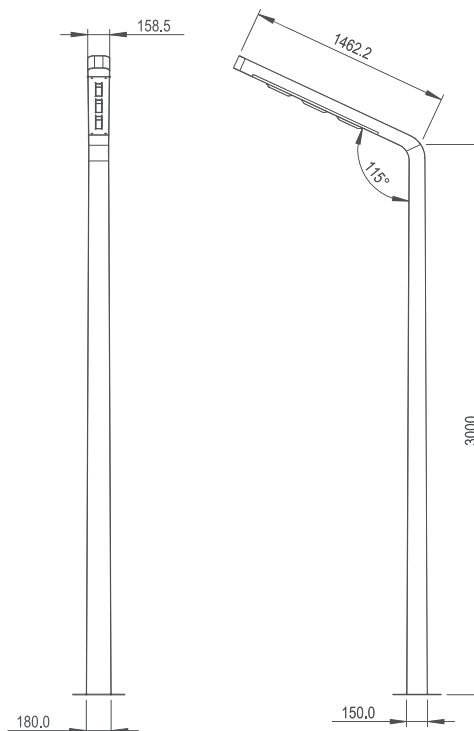
- 8040lm - 90W (3 LED Modules)
- 5360lm - 60W (2 LED Modules)



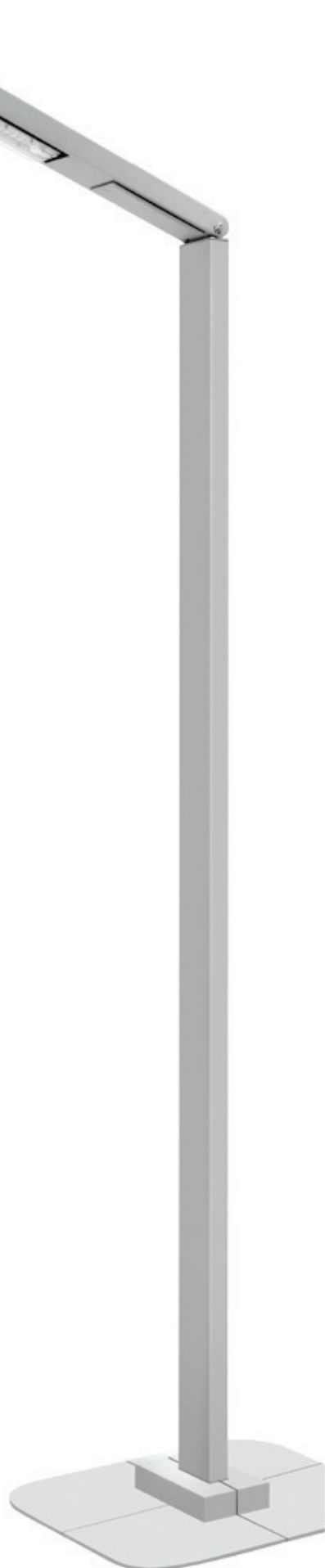
ORDER CODE

- 90W (3 X LED Module) - LEDXION K12104 90W
- 60W (2 X LED Module) - LEDXION K12104 60W

DIMENSION



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



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

LED PERFORMANCE HIGHLIGHTS

Typical Luminous Flux & Efficiency @ 350 mA:

- 130lm

Viewing Angle:

- 160°

Thermal Resistance:

- 6°C/W

Max Junction Temperature:

- 150°C

TECHNICAL DATA

LED Light Source:

- 3 LED Modules x 14 LUMILEDS LUXEON Rebel ES
- 2 LED Modules x 14 LUMILEDS LUXEON Rebel ES

Max LED Module Power Consumption:

- 90W (3 LED Modules) & 60W (2 LED Modules)

Color Temperature:

- 5300K Daylight

LED Life Cycle:

- 50,000 hrs

Compliance Standard:

- LM 80, IEC 60598-1-2:2006 & IEC 62031 : 2008

LUMINAIRE TECHNICAL DATA

Housing Material:

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

Operating Temperature:

- -30°C ~ +50°C

Power Supply:

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

Max System Power Consumption:

- 103W (3 LED Modules) & 67W (2 LED Modules)

Classification:

- Class II Power Supply

Ingress Protection:

- IP54 (Lamp Compartment)

Mounting spigot:

- Ø76mm

Weight:

- 13.5kg (excluding pole weight)

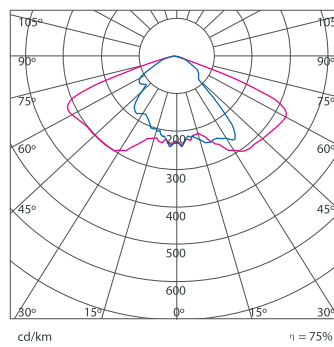
APPLICATION

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

PHOTOMETRIC

Typical Luminous Flux:

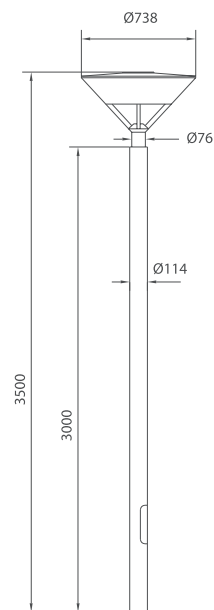
- 6120lm - 90W (3 LED Modules)
- 4140lm - 60W (2 LED Modules)



ORDER CODE

- 90W (3 X LED Module) - LEDXION K12102
- 60W (2 X LED Module) - LEDXION K12103

DIMENSION



Note: Pole is sold separately.

