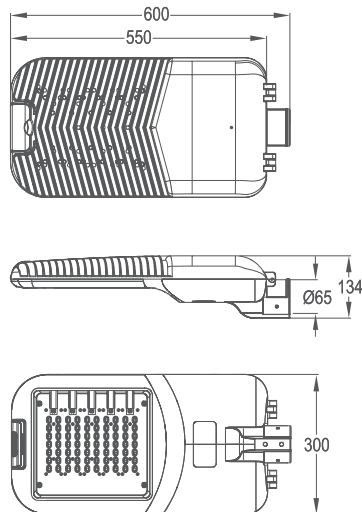


LEDXION S433 SERIES

90W, 120W & 150W LED STREET LANTERN

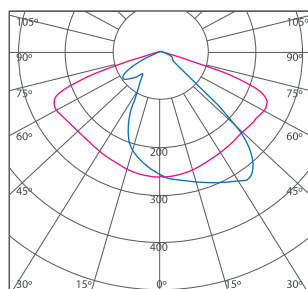


DIMENSION



PHOTOMETRIC

LEDXION K09121 150W



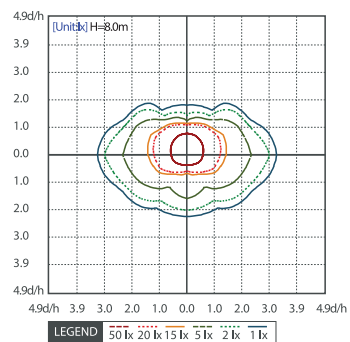
cd/klm
C0/C180: — C90/C270: —

Efficacy:

- 101 lm/W (90W Model)
- 100 lm/W (120W Model)
- 97 lm/W (150W Model)

ISO ILLUMINANCE DIAGRAM

LEDXION K09121 150W



LED TECHNICAL DATA

Typical Luminous Flux & Efficiency @ 700 mA:
 • 280 lm

Max Junction Temperature:
 • 150°C

Color Temperature:
 • 5300K Daylight
 * 3000K Warmwhite is available upon request

LED Life Cycle:
 • 50,000 hrs

COMPLIANCE STANDARD

LED:
 • LM 80

Driver:
 • CE, EN55015, EN61000, EN61547

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

ORDER CODE

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

* Please indicate LED color temperature when ordering.

CARTON DIMENSION

- 650(L) mm x 340(W) mm x 190(H) mm

* Programmable dimming LED driver is available upon request.

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)
- * 3000K LED: LUXEON R

Housing Material:

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

Operating Temperature:

- -30°C ~ +45°C

Power Supply:

- 220 ~ 240 Vac 50 / 60Hz
- Constant Current : 700mA
- Dimmable : 1-10V, PWM
- * Time Control is available upon request

Surge Protection:

- External SPD 10kV, 20kA

Max System Power Consumption:

- 95W
- 128W
- 158W

Total Luminous Flux:

- 9650 lm - 90W
- 12800 lm - 120W
- 15400 lm - 150W

Insulation Classification:

- Class I

Ingress Protection:

- IP66 (Lamp & Gear Compartments)

Mounting Spigot

- ø65mm

Pole Installation Details (mm)

- Pole diameter ø42- 60mm

Nett Weight:

- 8.2 kg

APPLICATION

- Residential Areas, Municipal & Expressway Lightings

