NIKKON®

LEDXION S439 SOLAR STREET LANTERN

LUMINAIRE SPECIFICATIONS

- **Power**   30W
                               40W
                               60W
- **Fitting Material**   Non-Corrosive Die-Cast Aluminium
- **Fitting Color**   Dark Gray, Akzo Nobel RAL7012
- **Optical Cover**   95% Transparency Tempered Glass
- **Ingress Protection**   IP66
- **Impact Protection**   IK08
- **Voltage** $24V_{DC}$
- **Operating Temperature**   -30 ~ +45ºC
- **Installation**   Ø42mm Side Entry
- **Surge Protections**   MOV & TVS

LED MODULE SPECIFICATIONS

- **Color Temperature**   3000K Warm White
                               5000K Cool White
- **Color Rendering Index (CRI)**   >70
- **L70**   100,000 Hrs @ 25ºC
- **PCB Material**   Ceramic (Alumina Substrate)
- **PCB Trace**   Silver Conductor (Ag)
- **SMD Connector**   WAGO 2060 Series

SYSTEM SPECIFICATIONS

- **Solar Panel Type**   Mono Crystalline Silicon PV
- **Solar Panel Capacity**   2 Panels of 17V 70Wp (30W)
                               2 Panels of 17V 100Wp (40W)
                               2 Panels of 17V 140Wp (60W)
- **Backup Time**   2 Days Autonomy with 10~11hrs Operation
- **Charge Controller**   10A Charge Controller c/w Timer
- **Battery**   2 x12V 55Ah Seal Lead Acid Battery (30W)
                               2 x 12V 80Ah Seal Lead Acid Battery (40W)
                               2 x 12V 110Ah Seal Lead Acid Battery (60W)
- **Control Box**   Solar Charge Controller
                               Seal Lead Acid Battery

FEATURES

- Powered by Mono Crystalline Silicon PV with High Module Conversion Efficiency
- High Efficiency LED lamp
- 4.5 metres Hot Dipped Galvanized Steel Lamp Post
- Ease of Installation and Mobility (No Underground Wire Required)
- Outdoor Type IP66 Street Lantern Fixture and IP43 Control Box
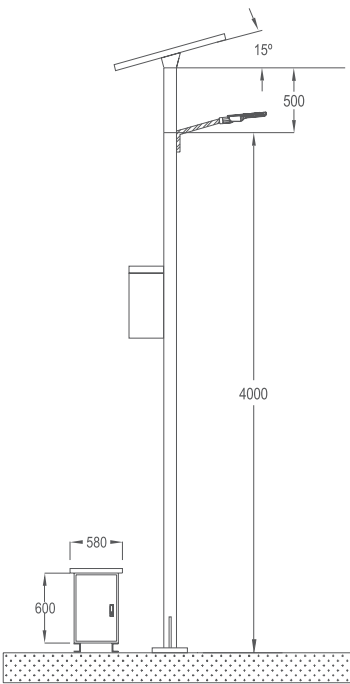
COMPLIANCE STANDARD

- **LED**   LM80, UL, RoHS
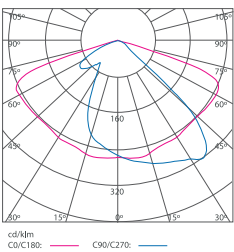
APPLICATION

- Municipal Lightings, Agriculture Lightings, Aquaculture Lightings & Residential Areas

MEASUREMENT & ORDER CODE

WATTAGE	ORDER CODE	NO. OF LEDS	SOLAR PANEL CAPACITY
30W	SLD 30W LED 24V2	14	70Wp x 2
40W	SLD 40W LED 24V2	18	100Wp x 2
60W	SLD 60W LED 24V2	28	140Wp x 2

* Please indicate LED color temperature when ordering.

DIMENSION

15°
500
4000
580
600

PHOTOMETRIC

cd/klm
C0/C180: ———   C90/C270: ———

Note: All specifications are subject to change without prior notice for product improvement. Images, pictures, and illustrations used are for illustrative purposes only and the color printed may differ from the actual product.

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LEDXION S439 DIMMING SOLAR STREET LANTERN

LUMINAIRE SPECIFICATIONS

- **Power** — 30W
- **Fitting Material** — Non-Corrosive Die-Cast Aluminium
- **Fitting Color** — Dark Gray, Akzo Nobel RAL7012
- **Optical Cover** — 95% Transparency Tempered Glass
- **Ingress Protection** — IP66
- **Impact Protection** — IK08
- **Voltage** — $24V_{DC}$
- **Operating Temperature** — -30 ~ +45ºC
- **Installation** — Ø42 - 60mm Side Entry
- **Surge Protections** — MOV & TVS

LED MODULE SPECIFICATIONS

- **Color Temperature** — 3000K Warm White / 5000K Cool White
- **Color Rendering Index (CRI)** — >70
- **L70** — 100,000 Hrs @ 25ºC
- **PCB Material** — Ceramic (Alumina Substrate)
- **PCB Trace** — Silver Conductor (Ag)
- **SMD Connector** — WAGO 2060 Series

SYSTEM SPECIFICATIONS

- **Solar Panel Type** — Mono Crystalline Silicon PV
- **Solar Panel Capacity** — 1 Panel of 33V 100Wp
- **Backup Time** — 2 Days Autonomy with 10~11hrs Operation
- **Charge Controller** — 10A Charge Controller c/w Timer
- **Battery** — 2 x 12V 33Ah Seal Lead Acid Battery
- **Control Box** — Solar Charge Controller / Seal Lead Acid Battery

FEATURES

- Powered by Mono Crystalline Silicon PV with High Module Conversion Efficiency
- High Efficiency LED Lamp
- 4.5 metres Hot Dipped Galvanized Steel Lamp Post
- Ease of Installation and Mobility (No Underground Wire Required)
- Outdoor Type IP66 Street Lantern Fixture and IP43 Control Box
- 50% Dimming After 4 Hours Operation

COMPLIANCE STANDARD

- **LED** — LM80, UL, RoHS

APPLICATION

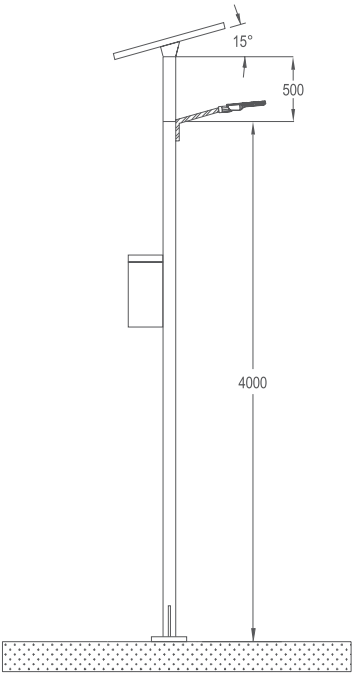- Municipal Lightings, Agriculture Lightings, Aquaculture Lightings & Residential Areas
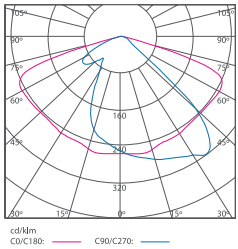
MEASUREMENT & ORDER CODE

WATTAGE	FIXTURE TYPE	ORDER CODE	NO. OF PANEL	SOLAR PANEL CAPACITY	DIMMING WATTAGE
30W	S439	SLD 30W LED 24V2 DIMMING	1	100Wp	15W

* Please indicate LED color temperature when ordering.

DIMENSION

15°

500

4000

PHOTOMETRIC

cd/klm
C0/C180:
C90/C270:

DIMMING TIMELINE

Load Power

100 %

50 %

0

Power ON   4 hrs   Power OFF
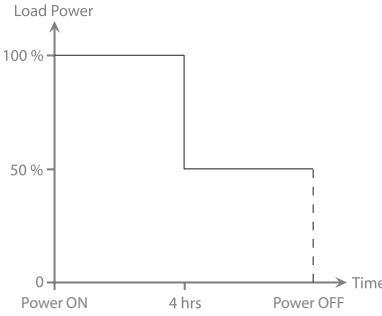
Time

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