

Product Description



Adopting integrated outline design, Mini size & light weight. With instant startup cozy lighting output, it is ensured with excellent performance, Also long lifespan, Very competitive price and yet do not compromise in light efficiency. It is applicable in occasion like roads in countryside, park and residential area.

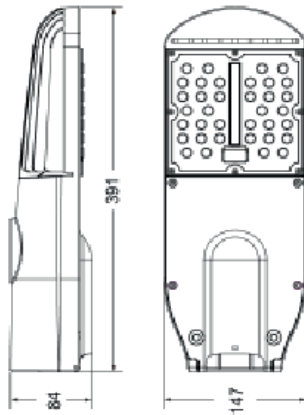
Catalog / Model No.
VO-SL-45XWW277-A2

Features

- * Field Adjustable Wattage up to 45W
- * 7-pin NEMA receptacle for twist-lock photocell
- * Dimmable driver 0-10V
- * No uplight(Dark Sky compliant)
- * Bird Guard built in
- * 10 years limited warranty
- * Calculated L70 Hours is more than 100000 hours

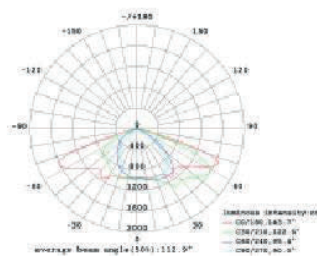
Application

Road way , Area light, residential area & park



Unit: mm

Photometric



A2M121

Technical Information

Model	VO-SL-45XWW277-A2
UL File No./DLC	E335469 / DLC Listed
Input Voltage	AC120-277V
Frequency Range	50/60Hz
System Consumption	45W±10%
Delivered Flux	5000LM
Power Factor	>0.90
Power Efficiency	>90%
Color Temperature	3000K
Color Rendering Index	Ra>70
LED QTY	48pcs LED
IP Rating(Fixture)	IP65
Operation Environment	Temp. - 20~40°C / Humidity: 10%-90%
BUG	B2-U2-G1
Material	PC+AL
Product Size	L391*W147*H84(mm)/15.39" X 5.787" X 3.3"
N.Weight	2.52kgs/5.55lbs
Installation	Pole Mount

Luminair Specifications

Housing / Mounting

Die cast aluminum housing with universal two bolt slip fitter mounts to 50mm to 60mm diameter mast arm. Aluminum housing provides passive heat-sinking of LEDs. Mounting provisions meet 3G vibration per ANSI C136,31-21 Normal Application. Mounting has leveling adjustment from +5to -5°in 2.5°increments. Complete with a buird guard protecting against birds and similar intruders.

Optical System

Micro-lens optical systems produce IESNA Type 2, Type 3, Type 4 or Type 5 distribution and are fully sealed to maintain and IP65 rating.

LEDs

Philips Lumileds LUXON 3030 2D - Calculated L70 Hours is more than 100000 hours and the projected long term lumen maintenance is more than 70% at 50000 hours through the method of IES TM-21-11

Finish

Housing Receives a fade and abrasion resistant polyester power coat finish. Finish tested to withstand 1000hours in salt spray exposure per ASTM standard.

Receptacle

7 pins enabling dimming and additional function, can be used with shorting cap, photoelectric

Listing / Ratings

UL#E335469, DLC, IP65

Electrical / Wiring

Uses isolated power supply that is 1-10v dimmable. Power supply is wired with quick-disconnected terminals. Power supply features a minimum power factor of .90 and < 15% Total Harmonic Distortion (THD). Terminal block accommodates to 14 Gauge wire. Surge protection complies with IEEE/ANSI C62.41 10KV/5KA, Accommodate with 3pin, 7pin NEMA receptacle

Field Adjustability

Field Adjustable Wattage up to 45W

Controls

Dimmable driver 0-10V

Luminaire compliance / Testing

LM79, LM80, TM-21

Warranty

10-years warranty for LED luminaire. Warranty period will begin on the date of installation and covers all electrical or mechanical components, luminaire housing, wiring, and connections, LED light source(s), LED drivers and power supplies. VaOpto will replace luminaire if light output for more than 10 percent of the LED packages is zero or nearly zero. Limited system warranty covers the replacement of the luminaire due to any electrical failure (including light source and or power supplies/drivers). The Photoelectric Controls (PEC) have a warranty of five years, which warranty period shall begin on the date of installation.