**StreetView**

**SVM**

Project:  
Catalog No:  
Mfg:  
Location:  
Fixture Type:  
Qty:  
Notes:  
Lamps:  

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**StreetView**  
**04/13**

**4.0" (103mm)**

**18.5" (469mm)**

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**SVM**  
**EPA:**  
0.51 sq ft  
**Weight:**  
10.4 lbs (4.7 kg)

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**Ordering Guide**

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<td>SVM LED Roadway Luminaire</td>
<td>SVM 90W48LED4K-R</td>
<td>LE3 UNIV</td>
<td>30W16LED4K-R, 60W32LED4K-R, 90W48LED4K-R</td>
<td>RC Receptacle for a twist-lock photocell or shorting cap DMG Dimmable driver 0-10V Please note that these integrated features always come with StreetView luminaire</td>
<td>SP1 CLO OTL AMPD CDMG DALI</td>
<td>PH8 Photoelectric cell PH9 Shorting Cap SPC Starsense Photo-cell Control Please note that these accessories are part of the quick ship program and are shipped separately</td>
<td>GY3 Grey finish NF Non-painted (optional)</td>
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<td>LE2 TYPE II</td>
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LED Module Details

LED = Philips LUXEON R. CR1 = 70 Min, 75 Typical. CCT = ANSI 4000K (3985K +/- 275K)
System (LED + driver) rated life = 100,000 hrs^1

Housing:
Made of low copper die cast A360 Aluminum alloy 0.100" (2.5mm) minimum thickness.
Fits on a 1.66" (42mm) 0.D. (1.25" NPS), 1.9" (48mm) O.D. (1.5" NPS) or 2 3/8" (60mm) O.D. (2" NPS) by 4 1/4" (108mm) minimum length. Comes with a zinc plated clamp that is secured to prevent accidental dropping or disengagement. A clearance of 8" (203mm) at the rear is required in order to remove the door.

Light Engine:
Composed of 4 main components: LED lamp / Optical System / Heat Sink / Driver
Electrical components are RoHS compliant, IP66 sealed light engine equipped with Philips Lumileds Luxeon R LEDs.
LEDs tested by ISO 17025 2005 accredited lab in accordance with IESNA LM 80 guidelines in compliance with EPA ENERGY STAR, in accordance with IESNA LM 80 guidelines and longer lifespan.
LEDs tested by ISO 17025 2005 accredited lab to identify wattage extrapolations in accordance with IESNA TM21.

Lamp:
(Included), Lamp type Philips Lumileds Luxeon R. Color temperature as per ANSI bin 4000 Kelvin nominal (3985K +/- 275K), CR1 70 Min. 75 Typical.

Optical System:
Composed of high performance optical grade PMMA acrylic refractors lenses to achieve desired distribution optimized to get maximum spacing, target lumen and a superior lighting uniformity. System is rated IP66. Performance shall be tested per LM63 and LM79 and LM15 (IESNA) certifying its photometric performance. Dark Sky compliant with 0% uplight and U0 per IESNA TM15.
LE2 TYPE II Asymmetrical Distribution
LE3 TYPE III Asymmetrical Distribution
LE5 TYPE V Symmetrical (square)

Heat Sink:
Built in the housing, the innovative high efficacy heat sink chimney design ensures superior cooling by natural convection air flow pattern always close to LEDs and driver optimizing their efficiency and life. Product does not use any cooling device by moving parts (only passive cooling). Wide channels enable natural cleaning and removal of dirt and debris.
Entire luminaire is rated for operation in ambient temperature of -40°C / -40°F up to +40°C / +104°F.

Driver:
High power factor of 95%. Electronic driver, operating range 50/60 Hz. Auto adjusting universal voltage input from 120 to 277 and 347 to 480 VAC rated for both application line to line or line to neutral, Class 1, THD of 20% max. Maximum ambient operating temperature from 40F(40C) to 130F(55C) degrees. Certified in compliance to UL8750 cULus requirement.

Integrated Features
- RC Receptacle for a twist-lock photocell or shorting cap
- DGM Dimmable driver 0-10V
- Please note that these integrated features always come with StreetView luminaire.

Driver and Luminaire Options
- SP1 Surge protection device tested in accordance with ANSI/IEEE C62.45 per ANSI/IEEE C62.41.2 Scenario I Category C High Exposure 10kV/10kA waveforms for Line-Ground, Line-Neutral and Neutral-Ground, and in accordance with DOE MSSLC Model Specification for LED Roadway Luminaires Appendix D Electrical Immunity High test level 10kV/10kA.
- CLO Pre-set driver to manage the lumen depreciation by adjusting the power given to the LEDs offering the same lighting intensity during the entire lifespan of the lamp.

Note: Due to rapid and continuous advances in LED technology LED luminaire data is subject to change without notice and at the discretion of Philips.

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AST
Pre-set driver for progressive start-up of the LED module(s) to optimize energy management and enhance visual comfort at start-up.

OTL
Pre-set driver to signal end of life of the LED module(s) for better fixture management.

AMPD
Driver pre-programmed for compatibility with Amplight control system.

CDMG
Dynadimmer standard dimming functionalities including pre-programmed scenarios to suit many applications and needs from safety to maximum energy savings.

DALI
Pre-set driver compatible with the DALI control system.

Luminaire Accessories

HS
House side shield

PH8
Photoelectric cell

PH9
Shorting Cap

SPC
Starsense Photo-cell Control

Please note that these options are not part of the quick ship program.

Luminaire Useful Life:
Refer to IES files for energy consumption and delivered lumens for each option. Based on ISTMT in situ thermal testing in accordance with UL1598 and UL8750, Philips Advance data and Philips Lumileds LMB0/TM21 data, expected to reach 100,000+ hours with >L70 lumen maintenance @ 25°C.

Wiring:
The connection of the luminaire is done using a terminal block connector 600V, 85A for use with #2 14 AWG. wires from the primary circuit, located inside the housing.

Hardware:
All exposed screws shall be stainless steel with Ceramic primer seal basecoat to reduce seizing of the parts. All seals and sealing devices are made and/or lined with EPDM and/or silicone and/or rubber.

Finish:
Color to be medium grey (GY3) and in accordance with the AAMA 2603 standard. Application of a polyester powdercoat paint (4 mils/100 microns) with ± 1 mils/24 microns of tolerance. The Thermosetting resins provides a discoloration resistant finish in accordance with the ASTM D 2244 standard, as well as luster retention in keeping with the ASTM D 523 standard and humidity proof in accordance with the ASTM D2247 standard.

The surface treatment achieves a minimum of 2000 hours for salt spray resistant finish in accordance with testing performed and per ASTM B117 standard.

LED Products Manufacturing Standard:
The electronic components sensitive to electrostatic discharge (ESD) such as light emitting diodes (LEDs) are assembled in compliance with IEC61340 5 1 and ANSI/ESD S20.20 standards so as to eliminate ESD events that could decrease the useful life of the product.

Vibration Resistance:
The SVM meets the ANSI C136.31 2010, American National Standard for Roadway Luminaire Vibration specifications for Bridge/overpass applications (Tested for 3G over 100,000 cycles by an independent lab).

Certifications and Compliance:
CSA, UL or cUL. Luminaire complies with DOE MSSLC Model Specification for LED Roadway Luminaires, StreetView is listed on the DesignLights Consortium (DLC) qualified products list.

Warranty:
StreetView is covered by a 10-year warranty from defects in material and workmanship in its intended use, as well as coverage for the finish. Visit website for more details on warranty.