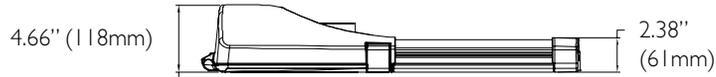


Project name		Type	
Date		Prepared by	

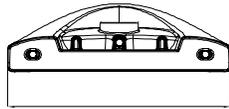
<b>RVS</b>						
Luminaire	Lamp	Optical System	Voltage	Options	Accessory	Finish

# RoadView LED Series

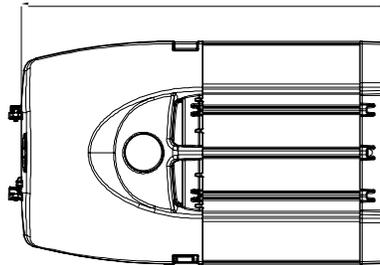
## RVS



21.38" (543mm) min. – 25.25" (641mm) max.



15.38" (391mm)



### RVS

Weight: 23.0 to 26.0 lbs  
(10.4 to 11.8 kg)

## Lamps

LUMINAIRE PERFORMANCE DATA (Nominal 4000K CCT)												
Lamp	LEDs	Drive		Luminaire Lumens*	System Watts	Max. system current (amps)	Weight		Length		EPA	
		Current	LEDs				lb.	kg.	in.	mm.	sq. ft.	sq. m.
35W32LED4K	32	350	3686	37	0.31	23	10.4	21.38	543	0.53	0.049	
55W32LED4K	32	530	5327	56	0.47	23	10.4	21.38	543	0.53	0.049	
72W32LED4K	32	700	6536	73	0.61	23	10.4	21.38	543	0.53	0.049	
55W48LED4K	48	350	5397	53	0.44	23	10.4	21.38	543	0.53	0.049	
80W48LED4K	48	530	7799	81	0.68	23	10.4	21.38	543	0.53	0.049	
108W48LED4K	48	700	9570	105	0.88	23	10.4	21.38	543	0.53	0.049	
70W64LED4K	64	350	6970	68	0.57	26	11.8	25.25	641	0.60	0.056	
110W64LED4K	64	530	10072	104	0.87	26	11.8	25.25	641	0.60	0.056	
90W80LED4K	80	350	8555	85	0.71	26	11.8	25.25	641	0.60	0.056	
135W80LED4K	80	530	12363	129	1.08	26	11.8	25.25	641	0.60	0.056	

\*For Type III distribution. See photometric files for other distributions.



**PHILIPS**  
**LUMEC**

## Optical systems / LED

<b>LE2</b>	TYPE II / Asymmetrical distribution
<b>LE3</b>	TYPE III / Asymmetrical distribution
<b>LE4</b>	TYPE IV / Asymmetrical distribution

## Voltage

<b>UNIV (120-277)</b>	<b>347</b>	<b>480</b>
(not available for 32 LED models)		

## Driver options\*\*

<b>AST</b>	Driver pre-programmed with progressive lamp starting*
<b>CDMG</b>	Dynadimmer standard dimming program*
<b>CDMGP</b>	Dynadimmer custom dimming program*
<b>CLO</b>	Constant Light Output, driver pre-programmed to achieve the same light intensity for the duration of the lifespan of the lamp*
<b>DALI</b>	Driver compatible with DALI control systems*
<b>DMG</b>	Dimmable driver 0-10 volt
<b>OTL</b>	Over The Life, driver pre-programmed to signal the end of lamp life*
<b>OVR</b>	Dynadimmer override function for use with motion detector or other switching device

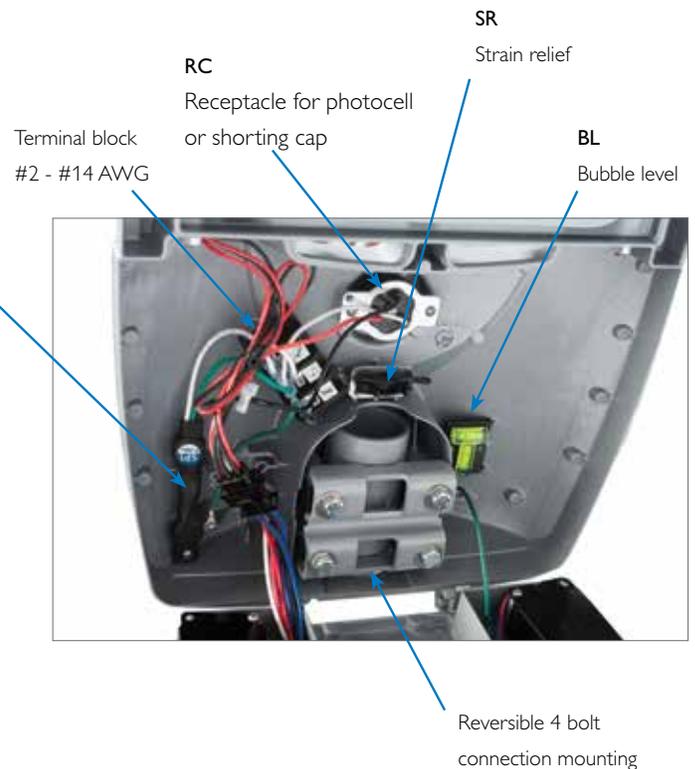
\*Only available with 120 - 277 volts.

\*\* For all programmable options please consult the factory for details

## Luminaire options

<b>API</b>	ANSI/NEMA wattage label
<b>BL</b>	Bubble level
<b>OSL3W</b>	Motion detector (requires DMG or CDMG)
<b>PH8</b>	Photoelectric cell, twistlock type includes receptacle
<b>PH8XL*</b>	Photoelectric Cell, Twist-lock Type, "Fail ON", extended life 10-year limited warranty from supplier
<b>RC</b>	Receptacle for a twist-lock photocell or shorting cap
<b>SR</b>	Strain relief

\* Not available with 347 and 480 volt.



## Luminaire accessory

<b>SPC*</b>	StarSense Photo-cell Control
-------------	------------------------------

\* Luminaire option RC is required with this accessory

## Finish options

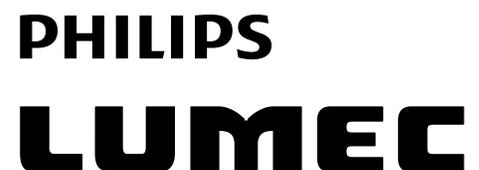
<b>GY3</b>	Gray	<b>BR</b>	Bronze
<b>WH</b>	White	<b>BK</b>	Black

**EXP** Extrusion painted to match cast housing color selected above (standard extrusion color is anodized aluminum).

Specifications subject to change without notice.

Consult factory for full details.

Additional colors are available. Consult factory for complete specifications.



## Lamp

Composed of high performance white LEDs. ANSI Nominal CCT of 4000K, minimum 70 CRI. Ambient operating temperature range -40C (-40F) to +40C (104F). L70 lumen maintenance projected to be greater than 100,000 hours.

## Optical system

Composed of high performance lenses, protected by a flat tempered glass lens. System is rated IP66. Photometric performance is tested according to IES LM-79.

## Surge protector

Surge protective device provides all phases protection for line-ground, line-neutral, and neutral-ground in accordance with IEEE / ANSI C62.41.2 C High. Surge rating 10 kV, 10 kA and DOE Model Specification for Roadway Luminaires Elevated requirements per Appendix D. Surge protection is standard for all product models 120-480v.

## Driver

Electronic driver, operating range 50-60 Hz. Auto-adjusting to input voltage between 120-277 volt AC, or 347-480 volt AC. Minimum power factor 0.90, max THD 20%. UL recognized component. 100,000 hours expected life. Optional dimming (0-10v) and digital driver features available.

## Housing

The upper and lower parts of the housing are made of die cast A360 aluminum alloy. The 4-bolt mounting system includes a reversible bracket made of zinc plated steel. Fits on a 1.66" to 2.375" OD by 5" long tenon, fixed by 3/8-16 UNC steel zinc plated bolts. An integral part of the housing permits an adjustment of +/- 5° by steps of 2.5°.

## Power door

The housing is complete with a tool-less removable power door including quick disconnects for ease of service. A tool free latch assembly on the power door allows for easy access to the electrical compartment.

## Heat sink

The extruded heat sink is made of A6063 aluminum alloy, and is shaped to draw heat away from the LEDs. Product does not use any cooling device with moving parts (has passive cooling device).

## LED platform

The LEDGINE LED platform consist of two LED boards with 48, 64, or 80 LUXEON Rebel LEDs each, as required to provide total LEDs from 96 - 160. The LED boards are removable and replaceable.

## Wiring

Luminaire wiring is done using a terminal block located inside the housing. Terminal block accepts three wires (#2-14 AWG).

## Hardware and seals

All hardware shall be stainless steel or corrosion resistant. All seals and sealing devices are lined with silicone.

## Finish

Application of a polyester powder coat paint. (4 mils/100 microns). The chemical composition provides a highly durable UV and salt spray resistant finish in accordance with the ASTM-B117 standard and humidity proof in accordance with the ASTM-D2247 standard. The specially formulated Lumital powder coat finish is available in standard gray. Additional colors are available. Consult factory for complete specifications.

## Vibration resistance

Meets the ANSI C136.31-2001 table 2, American National Standard for Roadway Luminaire Vibration specifications for Bridge/overpass applications (3G).

## Certifications and Compliance

CSA, UL or cUL. ISO 9001-2008. All electrical components are RoHS compliant. Listed on Design Lights Consortium (DLC) Qualified Products List (QPL).

