



The Rise RS8 is the only commercial bollard with variable throw distances, orientations, luminous flux, correlated color temperature, and control options. The eased square design ensures it fits within many styles of architecture, and the 10" (0.25 m) robust design ensures the bollard complements project sites. The absence of visible hardware creates a clean and confident design, while the twist-and-lock design adds stability. The curved faceplate design offers a "no glare" feature for pedestrian comfort. Prevent scratching during installation with the galvanic isolator. There are many features in this design, and the benefits to the specifier, architect, installer, maintenance personnel, property manager, and guests are endless.

Performance (Static White)<sup>1</sup>

Watts Option	Total Deliver Lumens			Efficacy (lm/W)	Peak Intensity (cd)		
	Short	Medium	Long		Short	Medium	Long
<b>Ground Plan (GP) Single Direction</b>							
8 W	319	398	496	42-66	386	422	442
11 W	444	549	676	41-62	536	582	611
15 W	614	756	918	41-60	746	812	838
25 W	988	1,226	1,519	41-63	1,220	1,299	13,55
<b>Ground Plan (GG) Dual Direction</b>							
16 W	634	792	990	41-66	392	429	448
22 W	878	1,089	1,347	39-61	548	594	622
30 W	1,214	1,497	1,803	35-59	748	812	838
50 W	1,957	2,427	2,977	39-61	1,216	1,295	1,351
<b>Ground Vertical (GV) Dual Direction   Up and Down</b>							
16 W	608	760	947	41-66	376	408	431
22 W	844	1042	1285	39-61	528	572	598
30 W	1,166	1,427	1,743	38-59	724	788	814
50 W	1,877	2,311	2,803	39-61	1,138	1,214	1,248

<sup>1</sup> Static white lumen output values are based on a 3,000 K CCT



**Electrical**

<b>Wattage Configuration</b>	8 W	11 W	15 W	25 W	16 W	22 W	30 W	50 W
<b>Input Watts</b>	7.6	10.9	15.3	24.5	15.0	22.1	30.7	49.3
<b>Power Consumption (VA)</b>	7.9	11.2	15.6	24.8	15.5	22.8	31.0	49.8
<b>Lifetime</b>	>50,000 hrs (L70, B10)							
<b>Input Voltage</b>	120 Vac/dc, 60 Hz (UL) 110-277 Vac/dc, 60 Hz (UL) 220-240 Vac/dc, 50 Hz (CE)							
<b>Thermal Management</b>	<b>CoolDrive™</b> onboard thermal monitoring and control							

**Control**

<b>Dimming</b>	Phase: 120 Vac/dc, 60 Hz 0-10 V: 110-277 Vac/dc, 60 Hz 0-10 V: 220-240 Vac/dc, 50 Hz
<b>Systems</b>	Range of third-party controllers

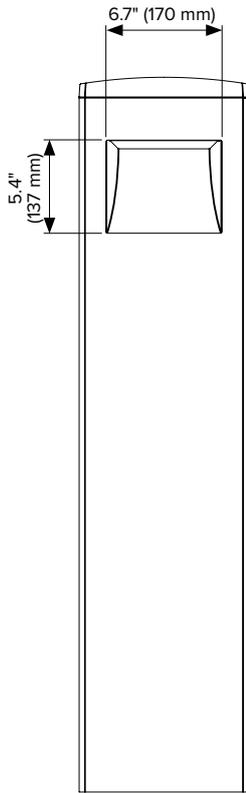
**Physical**

<b>Housing</b>	Die-cast aluminum A380 faceplate, extruded housing with hardened 6063 aluminum, die-cast aluminum A380 install base plate, stainless steel hardware, anodized aluminum install base, and polycarbonate base protector.
<b>Wiring</b>	UL1015: 220 °F (105 °C); 600 V: 18/3 (1 mm) for phase dim driver and 18/5 (1 mm) for 0-10 V driver. 50" (1.3 m) in total lead length, with 15" (381 mm) exposed.
<b>LED</b>	Integrated Xicato® LED module. Next-Generation Corrected Cold Phosphor Technology® keeps phosphors cool for maintained light quality and very tight color consistency (within 1 x 2 MacAdam ellipses). Up to 100+ lumens per watt at operating conditions. CCT range from 2,700K to 4,000K with outputs between 700 and 2,000 lumens.
<b>Optics</b>	Preinstalled throw settings for short (6'/1.8 m), medium (7'/2.1 m), and long (8'/2.4 m) throw patterns. Setting field serviceable. Average horizontal beam angle is 65°. Type II or Type III distributions, depending on selected specifications.
<b>Lens</b>	Tempered glass lens with shock resistance and high tolerance for thermal expansion and stress. Optional sandblast frosted lens (FR) available.
<b>Lamp Compartment</b>	Die-cast aluminum housing with capacity up to 2,000 lumen module. Installation requires no access to LED module, optics, or driver, retaining factory seal for added protection.
<b>Finish</b>	Two-layer protection of sulfuric acid anodization and polyester TGIC powder-coat, providing superior outdoor weathering in all conditions. Tested to ASTM standards.
<b>Orientation</b>	Three orientation options: 1) Ground Plane (GP): single-sided ground illumination. 2) Ground/Ground (GG): double-sided ground illumination. 3) Ground/Vertical (GV): double-sided illumination with one side illuminating the ground and opposing side illuminating upward.
<b>Installation Requirements</b>	Luminaire designed for installation onto a horizontal surface
<b>Mounting Kit</b>	Mounting kit required for installation; specified and shipped separately. Specify mounting kit separately using part number <b>LS6334</b> . Base plate included with 32° of alignment (16° in each direction along the horizontal plane). Polycarbonate install spacer included to protect bottom finish during installation. Four 10" (254 mm) L-bolts included with supporting hex nuts and washers.
<b>Ambient Operating Temperature</b>	08 W: -13 °F to 140 °F (-25 °C to 60 °C) 11 W: -13 °F to 131 °F (-25 °C to 55 °C) 15 W: -13 °F to 122 °F (-25 °C to 50 °C) 25 W: -13 °F to 113 °F (-25 °C to 45 °C)
<b>Weight</b>	50.0 lbs (22.7 kg)

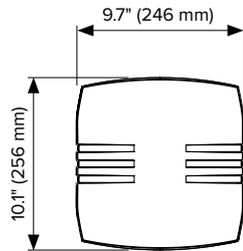
**Certification & Compliance**

<b>IP Rating</b>	IP65
<b>IES Classification</b>	Type II or III
<b>BUG Rating</b>	B0-U1-G0 (Ground Plane version)
<b>Environment</b>	Dry, Damp, Wet locations
<b>Certifications</b>	UL, CE, RCM

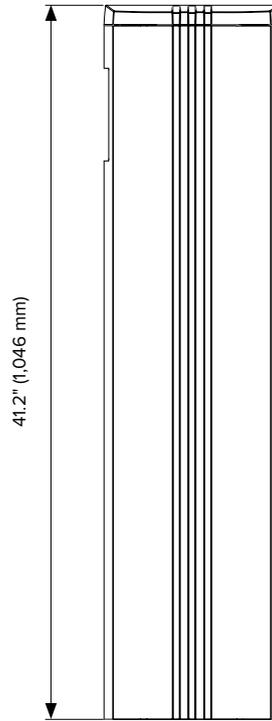
Dimensions



Front View

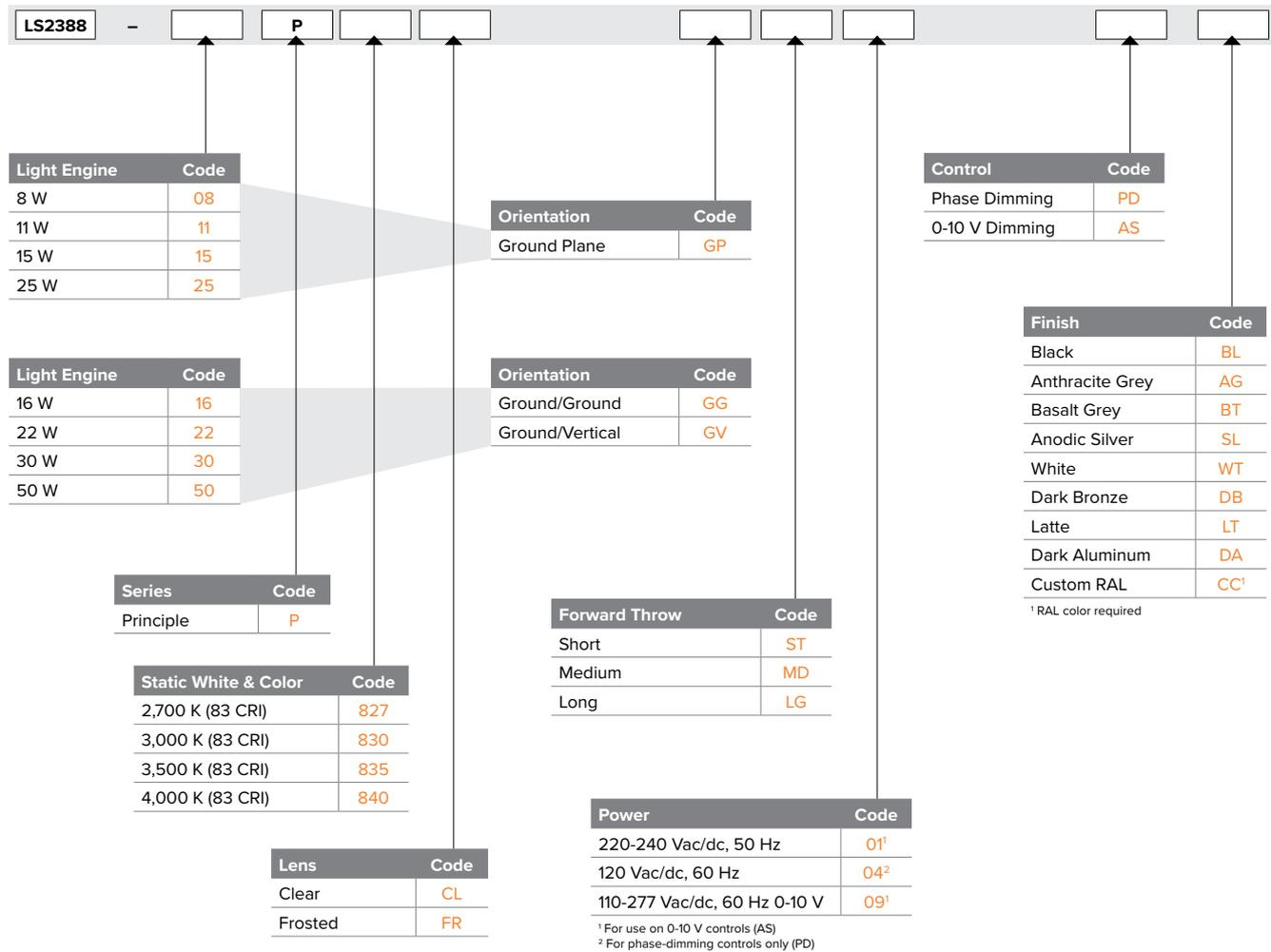


Top View



Side View

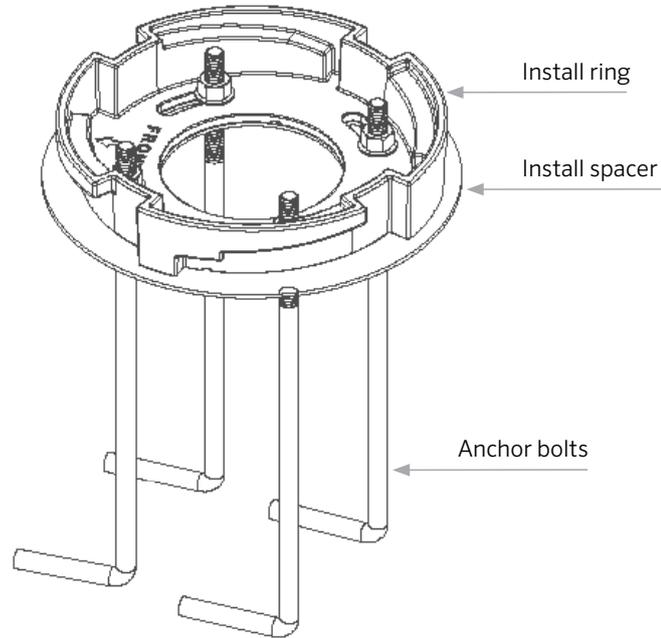
Specification Matrix



Accessories

**Pre-Installation Kit**

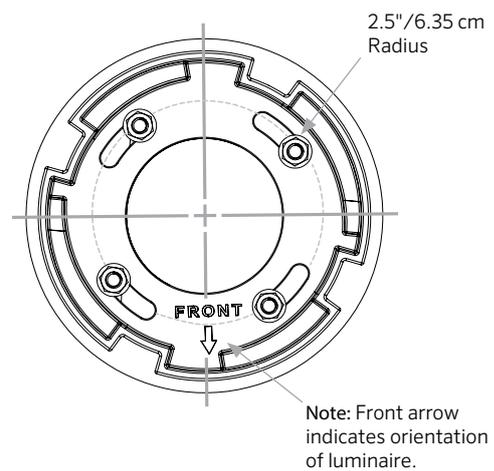
A pre-installation kit is required for the Rise RS8 product.



Specification Matrix

<b>LS6334</b>	
↑	
Accessories	Code
Pre-Install Kit	LS6334

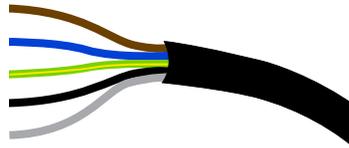
Technical Drawings



Wire Colors & Designations

**Mains Voltage – International Market**

Designation	Color
Active	Brown
Neutral	Blue
Earth	Green / Yellow
0-10 V –	Black
0-10 V +	Grey



**Mains Voltage – North American Market**

Designation	Color
Line	Black
Neutral	White
Ground	Green
0-10 V –	Grey
0-10 V +	Purple

