



Traditional LED Bollard

P6 and P8 Series

The P-Series LED Bollards combine elegant design with **high performance** and **customizable features**, making them perfect for both residential and commercial landscaping and pathway lighting. These premium bollards come in flat or dome top styles, with options for 6" or 8" diameter, ensuring versatility to suit various aesthetic preferences and lighting needs.



Available in custom height and custom finish

IDEAL APPLICATIONS

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 Pathways
- ✓

 Townhouses
- ✓

 Condos
- ✓

 Campuses
- ✓

 Parkettes
- ✓

 Shopping Malls

SPECIFICATIONS

	P6R	P6RD	P8R	P8RD	MOUNTING
Shaft Diameter	6"		8"		Surface Mount
Top	Flat	Dome	Flat	Dome	OPTIONAL
PERFORMANCE					90° cutoff for 270° beam spread, 180° cutoff for 180° beam spread Frosted lens for improved light diffusion
Light Output	2110/1640/1230* lm		3180/2460*/1900 lm		CONTROLS
Efficacy	140 lm/W		126 lm/W		P6R/P6RD0-10 V (5-100% dimming, Dim to Off)
CCT	CCT Selectable - 3000K/4000K*/5000K				P8R/P8RD0-10 V (0-100% dimming, Dim to Off)
Beam Spread	360°				AMBIENT OPERATING TEMPERATURE
BUG Rating	B1-U2-G1		B1-U3-G1		-40°C to 40°C (-40°F to 122°F)
CRI	> 80				CERTIFICATIONS
ELECTRICAL					CSA C22.2 No. 250.0-21 - Fifth Edition, UL 1598 (Fifth Edition) For Wet Locations
Wattage	15/12/9* W		25/20*/15 W		MAX AMPERAGE DRAW (A)
Voltage	120-347V				120V240V277V347V
Surge Protection	4 kV as per IEC/EN61000-4-5				P6R/RD at 9W0.0790.0390.0340.027
Power Factor	0.99				P6R/RD at 12W0.1050.0530.0450.036
THD	≤ 20%				P6R/RD at 15W0.1310.0660.0570.045
Cord	Pre-installed 2' Power Cable (STW 18/5 600V)				P8R/RD at 15W0.1310.0660.0570.045
CONSTRUCTION					P8R/RD at 20W0.1750.0880.0760.061
Housing	Extruded Aluminum				P8R/RD at 25W0.2200.1090.0950.076
Lens	Clear Acrylic Lens	Clear Polycarbonate Lens			LUMEN MAINTENANCE
Paint	Corrosion resistant polyester powder coating (500hrs salt spray tested)				L70L80L90
Height	847mm [33.3"]	919mm [36.2"]	990mm [39"]	1066mm [42"]	> 125,000 Hrs> 100,000 Hrs> 50,000 Hrs
Weight	6.1kg [13.5lbs]		9.5kg [21.0lbs]		Note: Reported performance values were tested at 120V and 4000K for the highest wattage setting. Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 calculations.
Bolt Circle Diameter	4"		4.4"		



*Standard settings



ORDERING GUIDE

		H	VK			DIM	
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Fixture	Wattage	Voltage	Colour Temp.	Optional Cutoff	Finish	Dimming	Lens Options
P6R P6RD	LED15A9	H - 120-347V	VK - CCT Selectable 3000K/4000K/ 5000K	Blank - None* C90 - 90° cutoff	SBK - Sandtex Black* BRZ - Bronze*	DIM - 0-10V Dimming	Blank - Clear lens*
P8R P8RD	LED25A15			C180 - 180° cutoff	BLK - Matte Black CST - Custom Colour		FR - Frosted lens

*Standard configuration

Custom bollard height is available as a Special order, please consult with RAB's CS team.

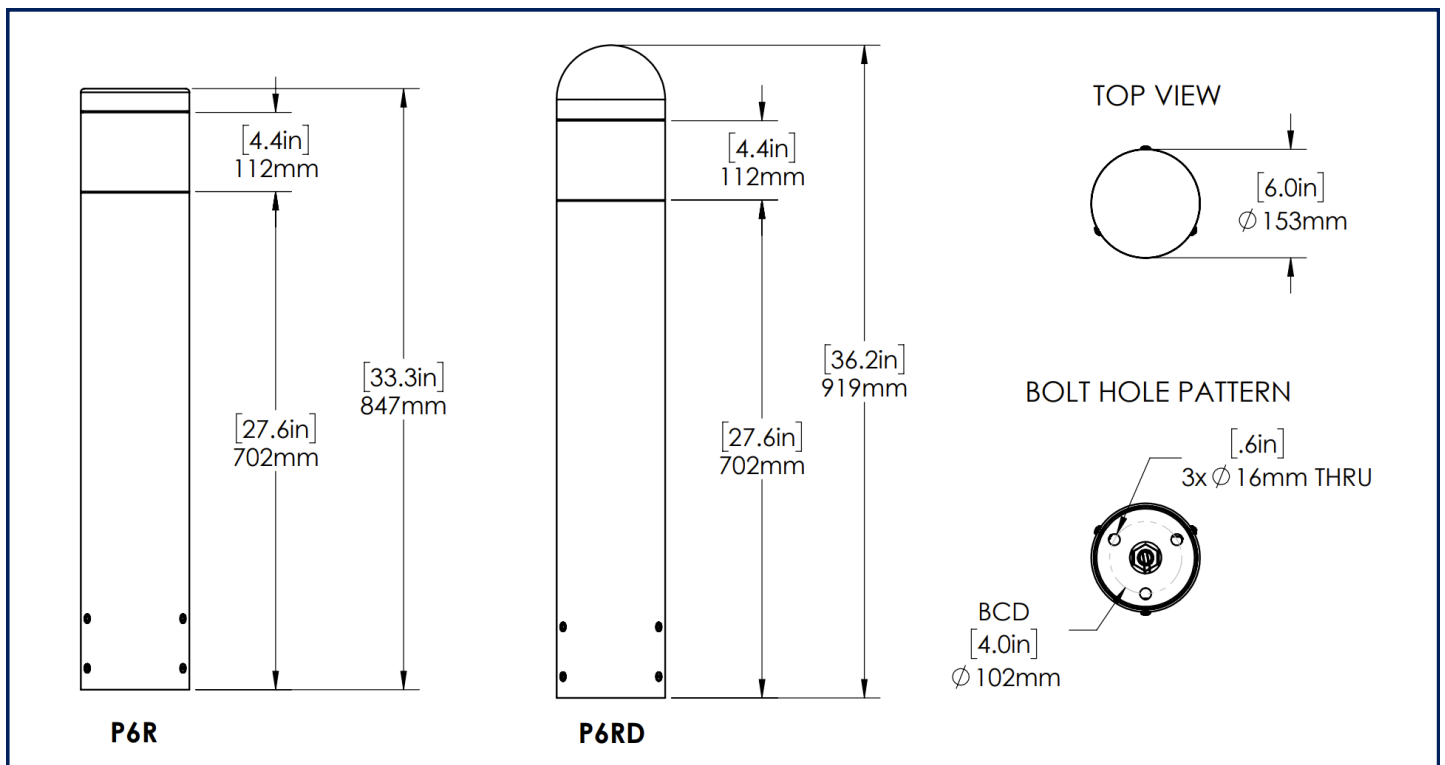
P6R/P6RD Default setting: 9W and 4000K.

P8R/P8RD Default setting: 20W and 4000K.

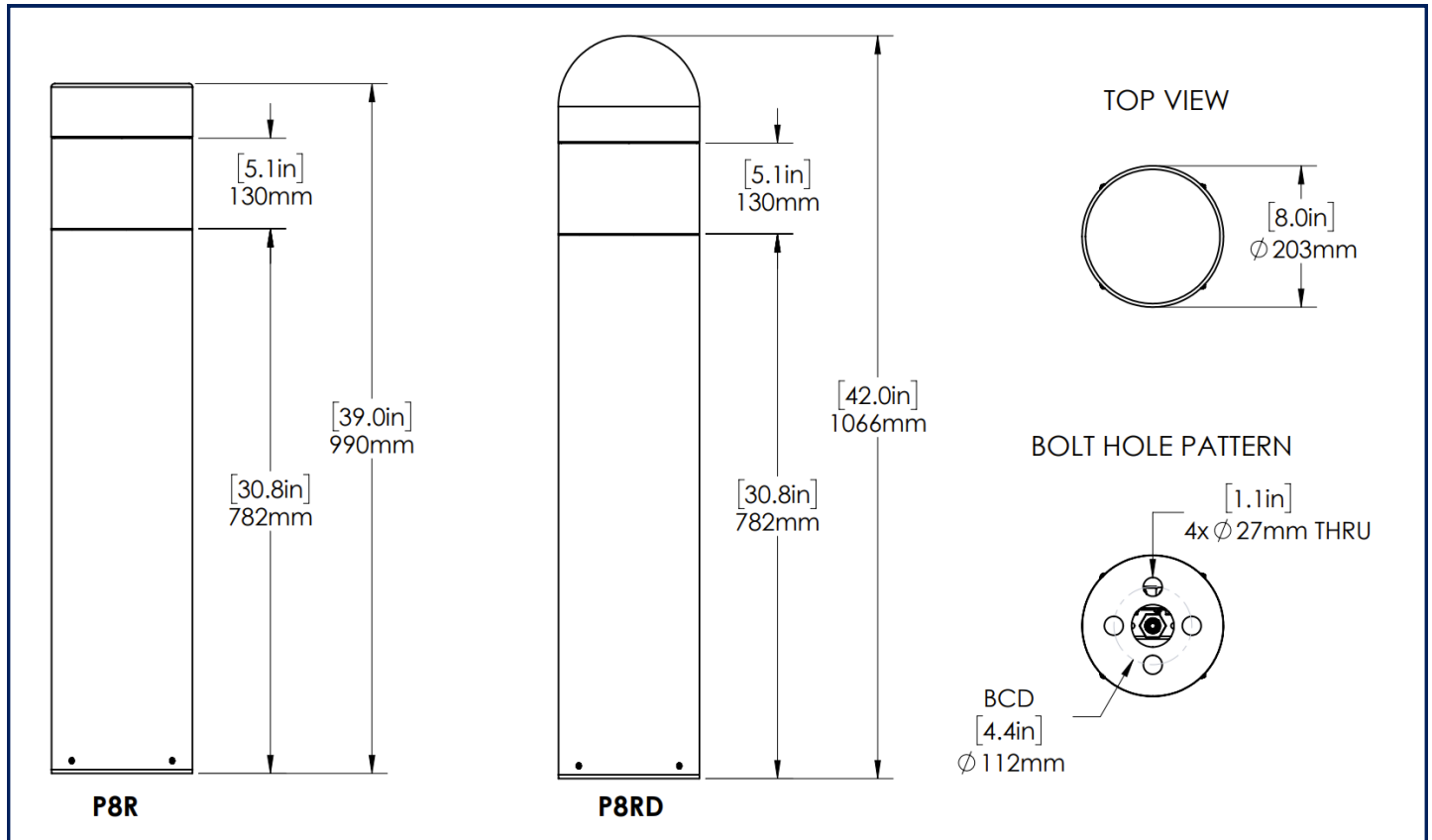
STOCK CODE	DESCRIPTION	INCLUDED IN THE BOX	P6R/RD	P8R/RD
084365	P6R-LED15A9-H-VK-SBK-DIM	TEMPLATE		
084366	P6RD-LED15A9-H-VK-SBK-DIM			
084367	P6R-LED15A9-H-VK-BRZ-DIM	ANCHOR BOLT SET		
084368	P6RD-LED15A9-H-VK-BRZ-DIM			
084369	P8R-LED25A15-H-VK-SBK-DIM			
084370	P8RD-LED25A15-H-VK-SBK-DIM			
084371	P8R-LED25A15-H-VK-BRZ-DIM			
084372	P8RD-LED25A15-H-VK-BRZ-DIM			

DIMENSIONS

P6R/RD



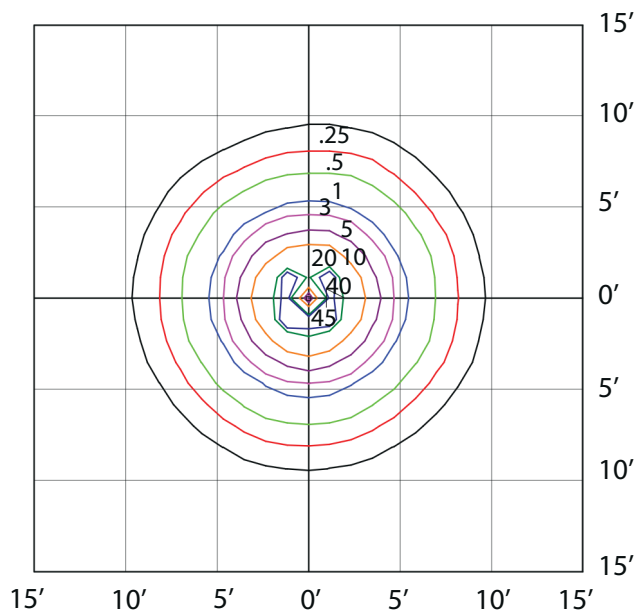
P8R/RD



PHOTOMETRIC PLOTS

P6R/RD-LED15A9-H-VK-DIM (15W 120V 4000K)

Total Lumens = 1890LM
 Max. Calculated Value = 55.31 Fc



P8R/RD-LED25A15-H-VK-DIM (25W 120V 4000K)

Total Lumens = 3054LM
 Max. Calculated Value = 36.23 Fc

