



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

- ✓

 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/P6RD	0-10 V (5-100% dimming, Dim to Off)
CCT	CCT Selectable - 3000K/4000K*/5000K				P8R/P8RD	0-10 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	120-277V					
Surge Protection	4 kV as per IEC/EN61000-4-5					
Power Factor	0.99					
THD	≤ 20%					
Cord	Pre-installed 2' Power Cable (STW 18/5 600V)					
CONSTRUCTION						
Housing	Extruded Aluminum					
Lens	Clear Acrylic Lens		Clear Polycarbonate Lens			
Paint	Corrosion resistant polyester powder coating (500hrs salt spray tested)					
Height	847mm [33.3"]	919mm [36.2"]	990mm [39"]	1066mm [42"]		
Weight	6.1kg [13.5lbs]		9.5kg [21.0lbs]			
Bolt Circle Diameter	4"		4.4"			

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.



*Standard settings

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ORDERING GUIDE

		B	VK			DIM	
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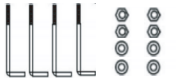
Fixture	Wattage	Voltage	Colour Temp.	Optional Cutoff	Finish	Dimming	Lens Options
P6R P6RD	LED15A9	B - 120-277V	VK - CCT Selectable 3000K/4000K/ 5000K	Blank - None* C90 - 90° cutoff	SBK - Sandtex Black* BRZ - Bronze*	DIM - 0-10V Dimming	Blank - Clear lens*
P8R P8RD	LED25A15			C180 - 180° cutoff	BLK - Matte Black CST - Custom Colour		FR - Frosted lens

*Standard configuration

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

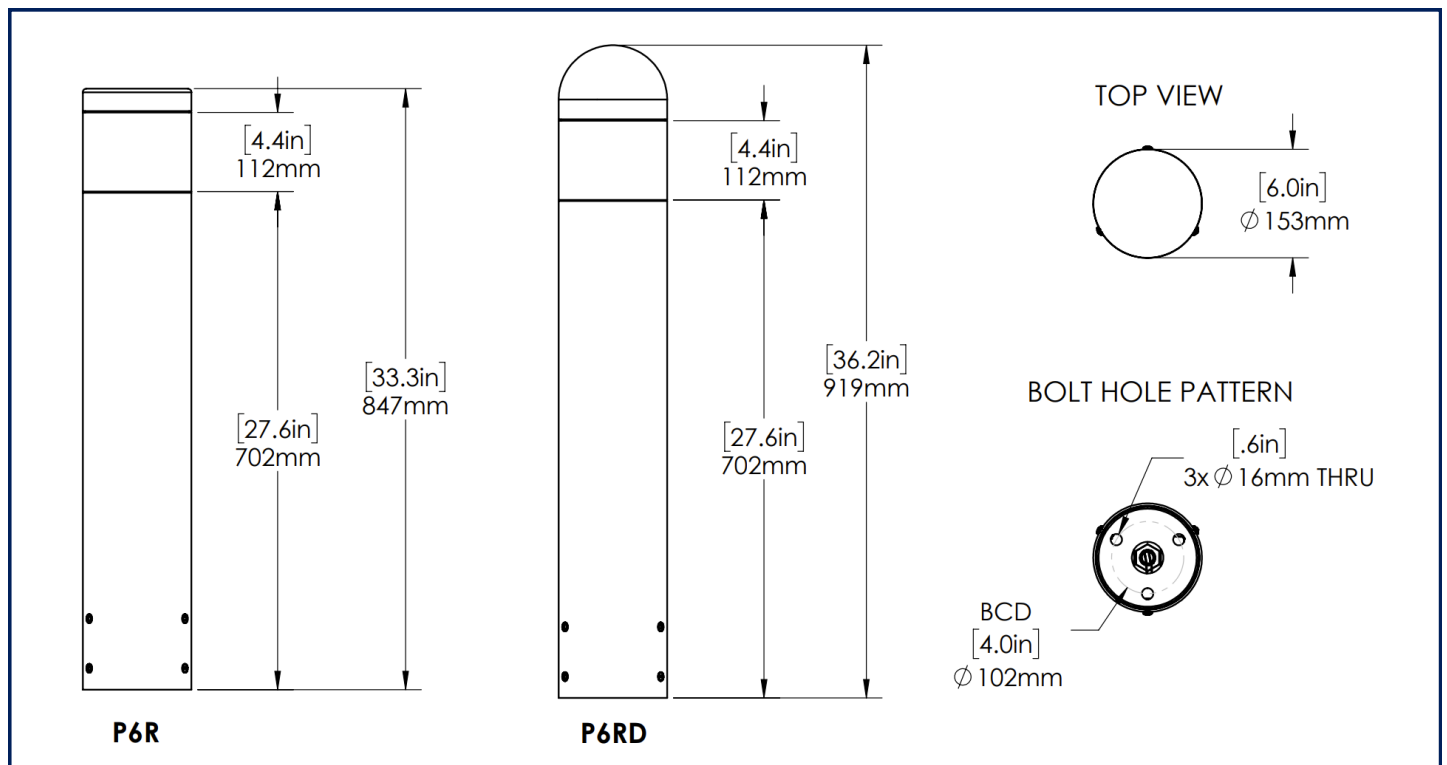
P6R/P6RD Default setting: 9W and 4000K.

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

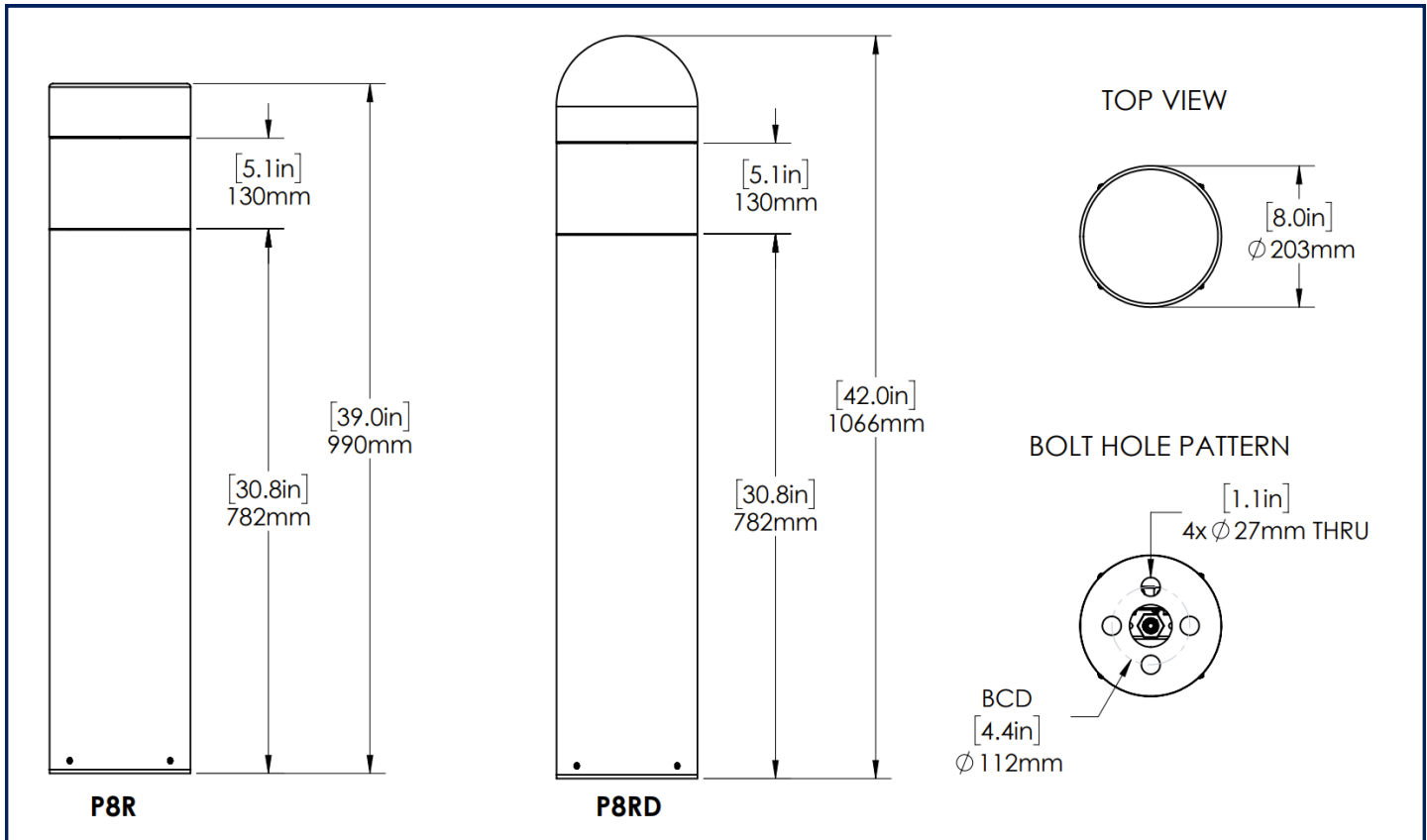
STOCK CODE	DESCRIPTION	INCLUDED IN THE BOX	P6R/RD	P8R/RD
053253	P6R-LED15A9-B-VK-SBK-DIM	TEMPLATE		
053254	P6RD-LED15A9-B-VK-SBK-DIM			
053255	P6R-LED15A9-B-VK-BRZ-DIM	ANCHOR BOLT SET		
053256	P6RD-LED15A9-B-VK-BRZ-DIM			
053263	P8R-LED25A15-B-VK-SBK-DIM			
053624	P8RD-LED25A15-B-VK-SBK-DIM			
053625	P8R-LED25A15-B-VK-BRZ-DIM			
053626	P8RD-LED25A15-B-VK-BRZ-DIM			

DIMENSIONS

P6R/RD



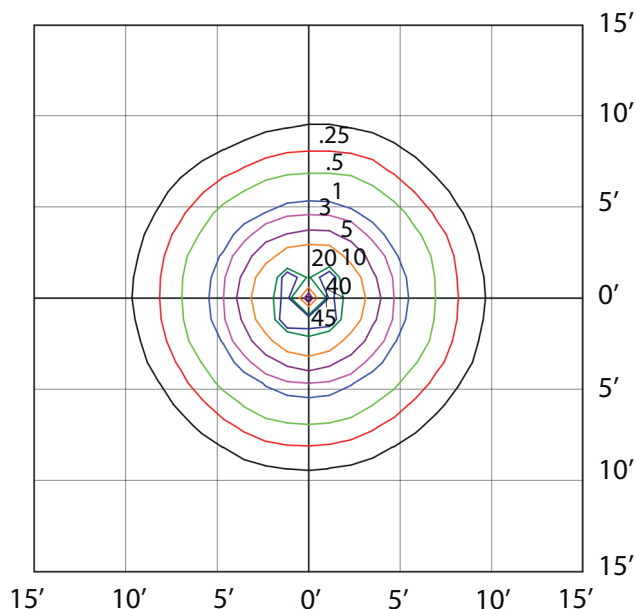
P8R/RD



PHOTOMETRIC PLOTS

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

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



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

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

