

Series Spec Sheet

BOLRA

FULL CUTOFF TOP BOLLARD

CCT & Power Selectable with ON/OFF Photocell

The BOLRA series' modern aesthetics come standard with a field adjustable wattage and CCT select options, as well as an on/off photocell for enhanced energy efficiency. The full cutoff heads are Dark Sky friendly and eliminate uplight. They are ideal for pathway lighting in commercial and residential applications.

FEATURES AND SPECIFICATIONS

• Construction

Physical Characteristics

- Black corrosion resistant die-cast aluminum housing.
- CCT and Power Select switches are placed discretely underneath the bollard head.
- Built-in on/off photocell, which can be easily disabled via a switch.

Lens/Optic

- The bollards are fitted with a polycarbonate lens.

• Performance data

- Available in 2 200K and 3 000/4 000/5 000 K selectable color temperature. Default programming at 4 000 K
- 70+ /80+ CRI
- Electrical ratings: 120-347 V
- Estimated life of over 135 000-192 000 hours to L70
- 0-10 V dimming standard
- 4 kV surge protection
- Operating temperature: -40 °C to 45 °C (-40 °F to 113 °F)

• Compliances

- cULus listed for wet locations
- Meets requirements of ICES-005 issue 5 class A for use in commercial applications
- IP65
- IK08



OVERVIEW

Light source	LED
Watts (W)	14/19/24
Lumen output (lm)	1 168-2 787
Efficacy (lm/W)	87-130
Color temperature (K)	3 000/4 000/5 000 2 200
CRI	70+ 80+

Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/search.

¹ Applicable to all 2 200K models.

QUICK SHIP AND TECHNICAL SPECIFICATION TABLE ⌚

Order code	Model number	DLC unique ID	Optic	Watts (W)	Volts (VAC)	Color temp. (K) ¹	Lumen output (lm) ^{2,3}	Efficacy (lm/W)	CRI	Life L70 (hrs) ⁴	Tested hours LM-80 (hrs) ⁴	Distribution type	Finish	Photocell (Yes/No) ⁵	Dimming (Yes/No)	Power factor	THD (%)	Master case qty
Power Selectable with Integrated Photocell⁵																		
70292	BOLRA-PS24-Q-22K-BK	-	-	14/19/24	120-347	2 200	1 168/1 626/2 067	87-91	80+	135 000	>102 000	V	Black	Yes	Yes	≥0.9	≤25	1
70291	BOLRA-PS24-Q-3C-BK	S-CMM7NS	-	14/19/24	120-347	3 000/4 000/5 000	1 616/2 263/2 787	126-130	70+	192 000	>54 000	V	Black	Yes	Yes	≥0.9	≤25	1

¹ Typical color temperature range: +/- 5 %.

² Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

³ Lumen values are based on 4 000 K default programming. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.

⁴ Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolations.

⁵ Integrated ON/OFF photocell that can be easily disabled.

LUMEN SPECIFICATION TABLE
CCT & Power Selectable

Watts (W)	3 000 K			4 000 K			5 000 K		
	Lumen output (lm)	Efficacy (lm/W)	LED Current (mA)	Lumen output (lm)	Efficacy (lm/W)	LED Current (mA)	Lumen output (lm)	Efficacy (lm/W)	LED Current (mA)
14	1 565	124	20-21.5	1 617	130	10-11	1 620	128	20-21.5
19	2 160	121	27.5-28.5	2 263	129	13.8-15	2 274	126	27.5-28.5
24	2 643	117	35-36	2 787	126	17.5-18	2 782	122	35-36

DEFAULT PROGRAMMING

24 W / 4 000 K

LUMEN SPECIFICATION TABLE
Single CCT & Power Selectable

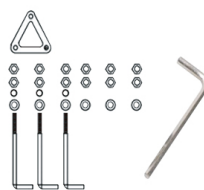
Watts (W)	2 200 K		
	Lumen output (lm)	Efficacy (lm/W)	LED Current (mA)
14	1 168	91	20.3-19.6
19	1 626	89	28.7-27.7
24	2 067	87	36.6-35.3

DEFAULT PROGRAMMING

24 W

ACCESSORY (order separately)

Order code	Type	Finish
70297	Anchor bolt kit	-
70587	8in adapter base kit for bollards	Black



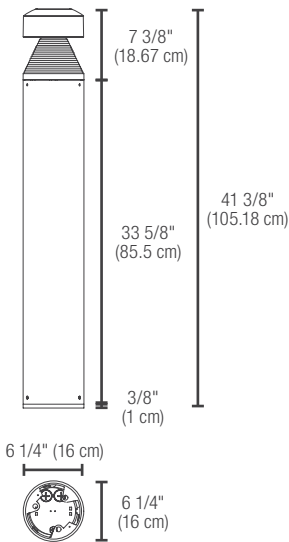
70297



70587

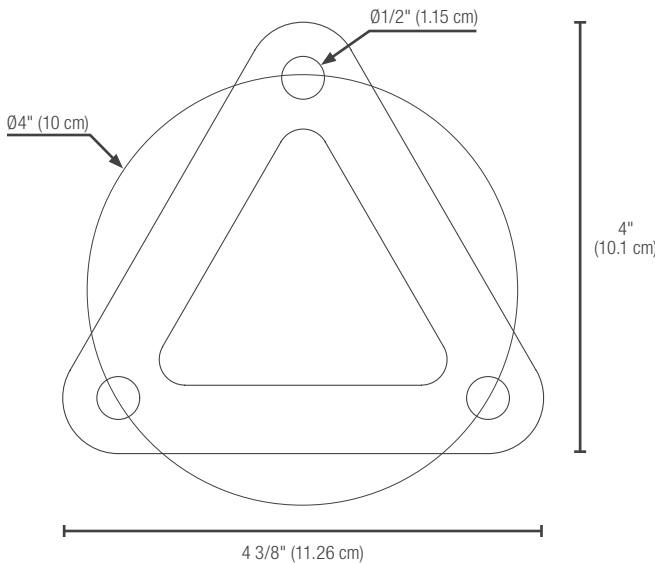
Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.

DIMENSIONS AND WEIGHTS



Net weight (lbs)	12.17
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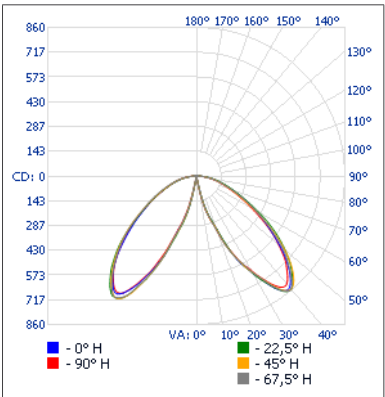
ANCHOR BOLT DRILLING PATTERN



PHOTOMETRIC DATA¹

BOLRA-PS24-Q-22K-BK • 24 W • 2 200 K • 2 265 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	316.0	14
0-40	811.5	35.8
0-60	1 771.6	78.2
60-90	458.1	20.2
70-100	205.7	9.1
90-120	20.5	0.9
0-90	2 229.7	98.5
90-180	35.5	1.6
0-180	2 265.2	100

Illuminance at a distance

Center beam fc	Beam width
0.83'	0.70
1.67'	0.17
2.50'	0.08
3.33'	0.04
4.17'	0.03
5.00'	0.02

Vert. spread: 97.1°
 Horiz. spread: 43.5°

¹ Complete IES files available on our website.

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