

BLRD DOME TOP BOLLARDS

CCT & POWER SELECTABLE WITH ON/OFF PHOTOCELL

The BLRD series feature an elegant design with field adjustable wattage and CCT select options. These dome top bollards come standard with an on/off photocell for enhanced energy efficiency. They are ideal for path-way lighting in commercial and residential applications.



FEATURES & SPECIFICATIONS

CONSTRUCTION

Physical Characteristics

- Black corrosion resistant die-cast aluminum housing.
- Select the head design of your choice with its base and easily install the bollard on site.
- 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, available in conical or louvered optic.

PERFORMANCE DATA

- Available in 3 000/4 000/5 000 K selectable color temperature. Default programming at 4 000 K
- 70+ CRI
- Electrical ratings: 120-347 V
- Estimated life of over 151 000 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
- DLC Premium
- Meets requirements of ICES-005 issue 5 class A for use in commercial applications
- IP65
- IK08

OVERVIEW			
LIGHT SOURCE	LED	EFFICIENCY (LM/W)	78-154
WATTS (W)	14/19/24	COLOR TEMPERATURE (K)	3 000/4 000/5 000
LUMEN OUTPUT (LM)	1 111-3 604	CRI	70+
 CCT: 3CCT SELECTABLE 65 IP RATING W: POWER SELECTABLE IK08 IMPACT RESISTANCE QUICKSHIP ICES 005 LED UL CERTIFIED DIMMABLE DLC LISTED PREMIUM WET LOCATION			

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.

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.

QUICK SHIP ORDERING GUIDE



PART 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	DISTRI- BUTION TYPE	FINISH	PHOTOCELL [YES/NO] ⁵	DIMMING [YES/NO]	PF	THD [%]	MASTER CASE QTY
CCT AND POWER SELECTABLE WITH INTEGRATED PHOTOCELL ⁵																	
DOME HEAD																	
BLRD-PS24L323CBK	-	LOUVER	14/19/24	120-347	3 000/4 000/5 000	1 116/1 520/1 930	82-85	70+	151 000	>54 000	V	BLACK	YES	YES	≥0.9	≤25	1
BLRD-PS24C323CBK	S-P1JCQL	CONE	14/19/24	120-347	3 000/4 000/5 000	2 010/2 814/3 593	152-154	70+	151 000	>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]	OPTIC	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	CONE	1 970	148	16.9-16.3	2 010	154	8.4-8.1	2 021	152	16.8-16.3
19		2 730	146	23.8-23	2 814	154	11.9-11.5	2 808	151	23.7-23
24		3 443	143	30.4-29.3	3 593	152	15.2-14.6	3 604	147	30.3-29.3
14	LOUVER	1 111	83	16.9-16.3	1 116	85	8.4-8.1	1 110	82	16.9-16.3
19		1 506	81	23.9-23.1	1 520	84	11.9-11.5	1 480	80	23.8-23.2
24		1 881	79	30.8-29.4	1 930	83	15.2-14.6	1 893	78	30.4-29.3

DEFAULT PROGRAMMING

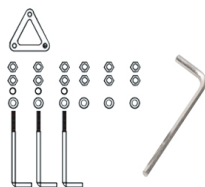
24 W / 4 000 K

ACCESSORIES (ORDER SEPARATELY)

PART NUMBER	TYPE	FINISH
GSD16-BK	180 DEG. GLARESHIELD	BLACK
KIT-ANC-BOL6	ANCHOR BOLT KIT	-
KIT-ADP8-BOL6	BIN ADAPTER BASE KIT FOR BOLLARDS	BLACK



GSD16-BK



KIT-ANC-BOL6

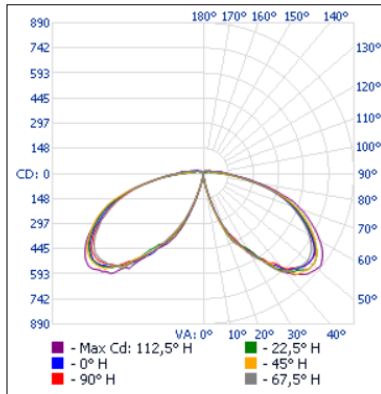


KIT-ADP8-BOL6

PHOTOMETRIC DATA¹

BLRD-PS24C323CXX • 24 W • 4 000 K • 3 594 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

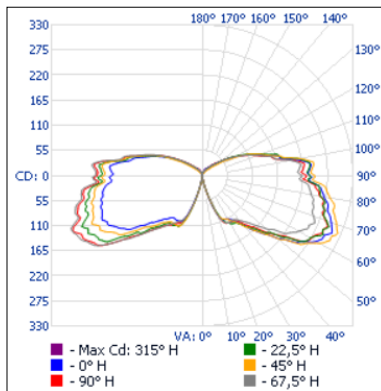
ZONE	LUMENS	% FIXTURE
0-30	241.6	6.7
0-40	630.9	17.6
0-60	1960.3	54.5
60-90	1400.5	39
70-100	835.7	23.3
90-120	186.7	5.2
0-90	3 360.7	93.5
90-180	233	6.5
0-180	3 593.7	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
0.83'	2.37		4.37'	1.03'
1.67'	0.59		8.80'	2.08'
2.50'	0.26		13.17'	3.11'
3.33'	0.15		17.54'	4.15'
4.17'	0.09		21.96'	5.19'
5.00'	0.07		26.34'	6.23'
Vert. Spread: 138.4° Hor. Spread: 63.8°				

BLRD-PS24L323CXX • 24 W • 4 000 K • 1 930 LM

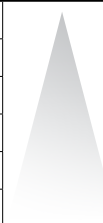
POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	65.9	3.4
0-40	145.6	7.5
0-60	496.4	25.7
60-90	833.7	43.2
70-100	791.5	41
90-120	512.9	26.6
0-90	1 330.1	68.9
90-180	600.2	31.1
0-180	1 930.3	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
0.83'	0.77		2.33'	
1.67'	0.19		4.69'	
2.50'	0.08		7.02'	
3.33'	0.05		9.35'	
4.17'	0.03		11.71'	
5.00'	0.02		14.04'	
■ Vert. Spread: 109.1°				

¹ Complete IES files available on our website.