

SPECIFICATIONS

OUTDOOR

HOUSING

- Round cast aluminum housing with flat or dome top
- Available in black or dark bronze finishes
- Corrosion resistant housing and hardware
- OxyShield 9-stage anti-oxidation process
- Silicone rubber gasket

ELECTRICAL

- Quad Tap (QT) - 120V - 277V
- 0-10V Dimmable driver standard
- Pf > .90
- THD < 20%
- 4kV Surge Protection
- Operating Temperature: -40°C (-40°F) - 55°C (131°F)
- 163,000 hours @ L₇₀

OPTICAL SYSTEM

- High impact Polycarbonate lens
- Offered with Cone or Louver reflectors
- MT (Selectable between 3000K/4000K/5000K)
- High quality heat sinks for temperature control
- IC current controlled LED circuits
- CRI > 80

MOUNTING

- Mounts with 6" anchor bolts, order separately

CODE COMPLIANCE

- cULus Listed for Wet Locations
- IP65 Rated
- DLC Listed
- FCC Compliant

WARRANTY

- 5 Year



VLBRL-B-MCT

Round Color Selectable LED Bollard



ORDERING INFORMATION

CATALOG #	Top	Wattage	Lumens	CCT
VLBRL-F-AR-1L-QT-MCT-*	Flat, Cone	14W - 23W	1827 - 3296	30K/40K/50K
VLBRL-D-CL-1L-QT-MCT-*	Dome, Louvers	12W - 23W	905 - 1692	30K/40K/50K
VLBRL-D-AR-1L-QT-MCT-*	Dome, Cone	12W - 23W	1818 - 3251	30K/40K/50K

*Specify: **BK-Black**, **BZ-Bronze**

ACCESSORIES (Ships on Side)

VLBRL-ABK6 - 6" Anchor Bolts (required)

Model	L	W	H	Lbs
VLBRL-F-CL	6"	6"	42"	15
VLBRL-D-CL	6"	6"	44"	12
VLBRL-D-AR	6"	6"	44"	13

LUMEN INFORMATION

Catalog #	Low Lumens			Mid Lumens			High Lumens		
VLBRL-F-CL	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
	1827 Lm	1974 lm	1941 Lm	2507 Lm	2686 Lm	2665 Lm	3090 Lm	3244 Lm	3296 Lm
	13W	14W	13W	18W	19W	18W	23W	22W	23W
VLBRL-D-CL	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
	1819 Lm	1818 Lm	1895 Lm	2512 Lm	2530 Lm	2614 Lm	3103 Lm	3249 Lm	3251 Lm
	13W	12W	13W	18W	17W	18W	23W	22W	23W
VLBRL-D-AR	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
	905 Lm	973 Lm	983 Lm	1263 Lm	1351 Lm	1359 Lm	1573 Lm	1692 Lm	1687 Lm
	13W	12W	13W	18W	17W	18W	23W	22W	23W

ELECTRICAL INFORMATION

Catalog #	Input Amps (A)								
	Low Lumens			Mid Lumens			High Lumens		
	120V	240V	277V	120V	240V	277V	120V	240V	277V
VLBRL-F-CL (30K)	0.11	0.05	0.05	0.15	0.08	0.06	0.19	0.10	0.08
VLBRL-F-CL (40K)	0.12	0.06	0.05	0.16	0.08	0.07	0.18	0.09	0.08
VLBRL-F-CL (50K)	0.11	0.05	0.05	0.15	0.08	0.06	0.19	0.10	0.08
VLBRL-D-CL (30K)	0.11	0.05	0.05	0.15	0.08	0.06	0.19	0.10	0.08
VLBRL-D-CL (40K)	0.10	0.05	0.04	0.14	0.07	0.06	0.18	0.09	0.08
VLBRL-D-CL (50K)	0.11	0.05	0.05	0.15	0.08	0.06	0.19	0.10	0.08
VLBRL-D-AR (30K)	0.11	0.05	0.05	0.15	0.08	0.06	0.19	0.10	0.08
VLBRL-D-AR (40K)	0.10	0.05	0.04	0.14	0.07	0.06	0.18	0.09	0.08
VLBRL-D-AR (50K)	0.11	0.05	0.05	0.15	0.08	0.06	0.19	0.10	0.08

PHOTOMETRICS

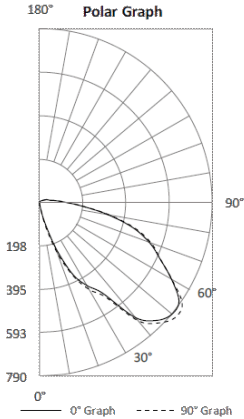
VLBRL-F-AR-1L-QT-MCT (5K)

Luminaire Data	
Description	BOLLARD (ROUND) 3L 5K - MCT
Total Lumens	3,296
Input Wattage	23
Efficacy (lm/W)	144
Max. Cd.	815.81 (67.5H, 53V)
IES Classification	Type V5
Longitudinal Classification	Short

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30°	201	6.1%
0-60°	1,823	55.3%
0-80°	2,890	87.7%
80-90°	225	6.8%
0-90°	3,115	94.5%
90-110°	134	4.1%
110-180°	0	0.0%
0-180°	3,296	100.0%

Luminaire Classification Systems (LCS)			
LCS Zone		Lumens	%Lum
FL	0-30	99	3.0%
FM	30-60	813	24.7%
FH	60-80	540	16.4%
FVH	80-90	116	3.5%
BL	0-30	101	3.1%
BM	30-60	809	24.5%
BH	60-80	527	16.0%
BVH	80-90	109	3.3%
UL	90-100	89	2.7%
UH	100-180	93	2.8%
Total		3,296	100.0%
BUG Rating		B2-U3-G2	

Photometrics calculated at 5000k - high lumens setting



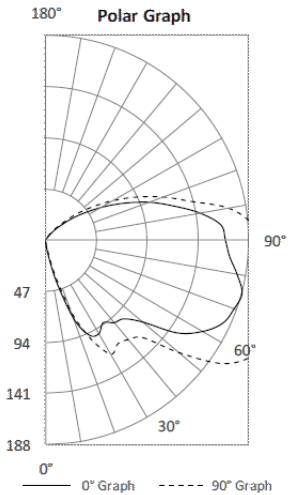
PHOTOMETRICS

VLBRL-D-AR-1L-QT-MCT (5K)

Luminaire Data	
Description	BOLLARD 2L 5K - MCT
Total Lumens	1,688
Input Wattage	23
Efficacy (lm/W)	74
Max. Cd.	292.72 (225H, 67V)
IES Classification	Type VS
Longitudinal Classification	Short

Luminaire Classification Systems (LCS)			
LCS Zone		Lumens	%Lum
FL	0-30	32	1.9%
FM	30-60	201	11.9%
FH	60-80	253	15.0%
FVH	80-90	115	6.8%
BL	0-30	29	1.7%
BM	30-60	192	11.4%
BH	60-80	250	14.8%
BVH	80-90	116	6.9%
UL	90-100	202	12.0%
UH	100-180	296	17.5%
Total		1,688	100.0%
BUG Rating		B1-U3-G2	

Photometrics calculated at 5000k - high lumens setting



VLBRL-D-CL-1L-QT-MCT (5K)

Luminaire Data	
Description	BOLLARD (ROUND DOME) 3L 5K - MCT
Total Lumens	3,251
Input Wattage	23
Efficacy (lm/W)	143
Max. Cd.	765.57 (45H, 52V)
IES Classification	Type VS
Longitudinal Classification	Very Short

Luminaire Classification Systems (LCS)			
LCS Zone		Lumens	%Lum
FL	0-30	96	3.0%
FM	30-60	756	23.3%
FH	60-80	539	16.6%
FVH	80-90	124	3.8%
BL	0-30	104	3.2%
BM	30-60	768	23.6%
BH	60-80	528	16.2%
BVH	80-90	116	3.6%
UL	90-100	110	3.4%
UH	100-180	111	3.4%
Total		3,251	100.0%
BUG Rating		B2-U3-G2	

Photometrics calculated at 5000k - high lumens setting

