

LED Bollard Light

BL42-RD-14W-24W-VAR-BK-V1

Date:	Project:	Comments:
Prepared for:	Type:	



CCT Selectable
3000K | 4000K | 5000K



Performance Specifications

Power (Selectable)	14W/19W/24W
Equivalent Power	60W
Input Voltage	120-347Vac
Input Current	0.22A
Photocell	Switchable on/off via a toggle switch.
Color Temperature (Selectable)	3000K / 4000K / 5000K (Default: 5000K)
Lumens (Up to)	3360lm @ 24W
Efficacy	~140 lm/W
Color Rendering Index (CRI)	>70
Lifetime	50,000 Hours
Dimming Type	0-10V Dimming
Power Factor	>0.9
Total Harmonic Distortion (THD)	<20%
Surge Protection	10KV (L-N)

Physical Specifications

Dimensions	42-1/4" (1072mm) x 6-3/8" (162.4mm)
Weight	10.34lbs (4.7kg)
Beam Angle	360°
Operating Temperature	-40°C to 45°C
Environment	Wet Location
Material of Body	Aluminum
Material of Lens	Polycarbonate
Color	Black

Ordering Specifications

Years of Warranty	5 years
Certification and Compliances	cULus DLC Premium ID: S-Q1VYBG

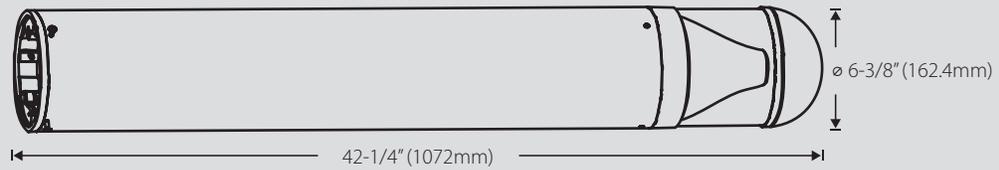
Ordering Information

Orders placed by 3pm are shipped out same-day

Input Voltage	Power (Selectable)	Lumens	BUG	Color Temperature (Selectable)	Model Number	Ordering Code
120-347Vac	14W/19W/24W	3360lm @ 24W	B2 - U5 - G3	3000K/4000K/5000K	BLD-RCD0024W-H-MV-TCP-F-V1	BL42-RD-14W-24W-VAR-BK-V1



Dimensions



Length

42-1/4" (1072mm)

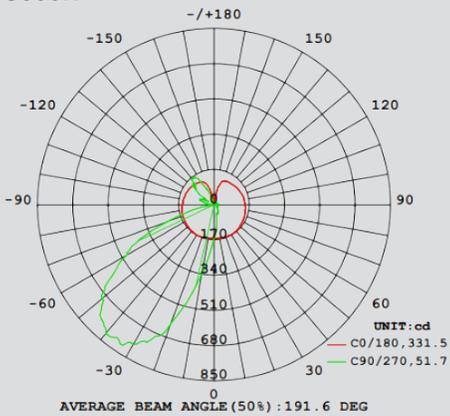
Width

\varnothing 6-3/8" (162.4mm)

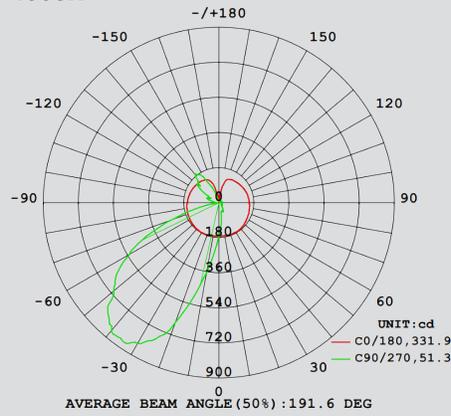
Photometrics

Polar Candela Distribution

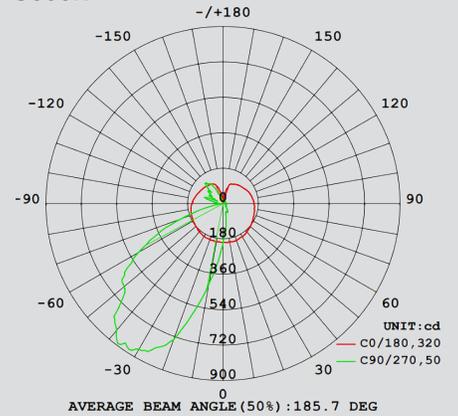
3000K



4000K



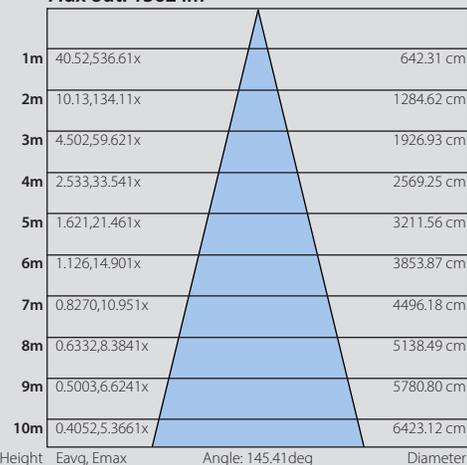
5000K



Illuminance at a Distance

3000K

Flux out: 1362 lm



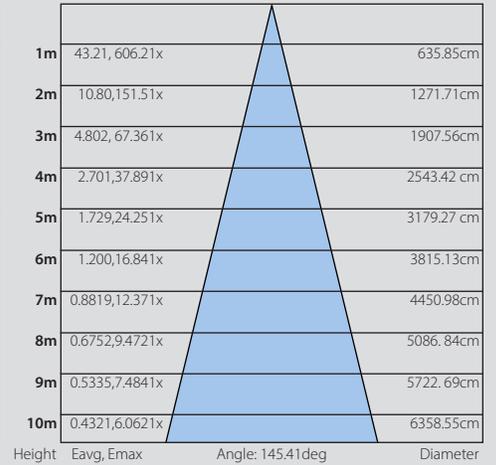
4000K

Flux out: 1432 lm



5000K

Flux out: 1452 lm



Note: The curves indicate the illuminated area and the average illumination when the luminaire is at different distance.



Lumen Distribution Table

3000K

Conical surface Flux (90deg) : 551.09 lm
 %lum = 17.0%
 %lamp = 17.0%

Conical surface Flux (130deg) : 1131.4 lm
 %lum = 34.8%
 %lamp = 34.8%

Zonal Lumen Summary

Zone	Lumens	% Lamp	%Luminaire
0-30	212.6	6.5%	6.5%
0-40	423.0	13%	13%
0-60	984.7	30.3%	30.3%
60-90	826.7	25.5%	25.5%
70-100	808.7	24.9%	24.9%
90-120	808.2	24.9%	24.9%
0-90	1,811.4	55.8%	55.8%
90-180	1,435.7	44.2%	44.2%
0-180	3,247.1	100%	100%

4000K

Conical surface Flux (90deg) : 580.46 lm
 %lum = 17.0%
 %lamp = 17.0%

Conical surface Flux (130deg) : 1189.7 lm
 %lum = 34.9%
 %lamp = 34.9%

Zonal Lumen Summary

Zone	Lumens	% Lamp	%Luminaire
0-30	224.4	6.6%	6.6%
0-40	446.0	13.1%	13.1%
0-60	1,035.4	30.4%	30.4%
60-90	867.3	25.4%	25.4%
70-100	847.0	24.8%	24.8%
90-120	845.3	24.8%	24.8%
0-90	1,902.6	55.8%	55.8%
90-180	1,507.1	44.2%	44.2%
0-180	3,409.8	100%	100%

5000K

Conical surface Flux (90deg) : 611.07 lm
 %lum = 18.0%
 %lamp = 18.0%

Conical surface Flux (130deg) : 1214.1 lm
 %lum = 35.9%
 %lamp = 35.9%

Zonal Lumen Summary

Zone	Lumens	% Lamp	%Luminaire
0-30	247.0	7.3%	7.3%
0-40	475.6	14%	14%
0-60	1,063.2	31.4%	31.4%
60-90	859.0	25.4%	25.4%
70-100	844.4	24.9%	24.9%
90-120	842.0	24.9%	24.9%
0-90	1,922.2	56.8%	56.8%
90-180	1,463.5	43.2%	43.2%
0-180	3,385.7	100%	100%

