

KUZCO LIGHTING

LUMINAIRE PHOTOMETRIC REPORT

Filename: EB49718-BK-UNV - Hanover

Manufacturer: KUZCO LIGHTING

Luminaire: Exterior Bollard

Luminaire Cat: EB497xx-BK-UNV

Lamp: DC LED

Lamp Cat: Unknown

Ballast Desc: Input:120-277Vac 0.32A 50/60Hz. Output: 18-40Vdc 600mA

Ballast Cat: NE024277060-2GH

Lamp Output: Total luminaire Lumens: 1658.8

Max Candela: 343.5 at Horizontal: 300°, Vertical: 44°

Input Wattage: 23.8

Luminous Opening: (L: 5.98", W: 5.98", H: 7.01")

Test: 2357-24

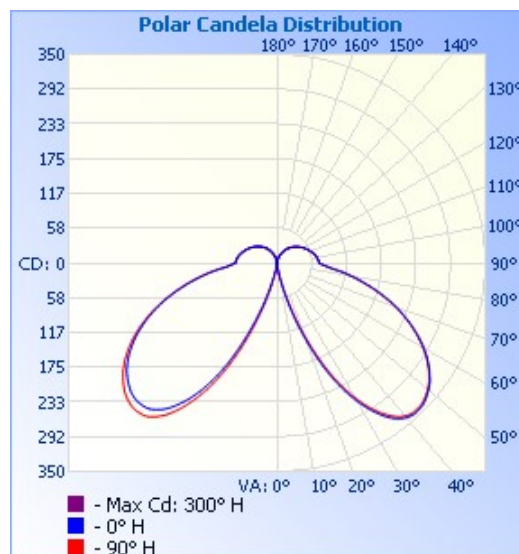
Test Date: 04 January 2024

Test Lab: KUZCO LIGHTING

Photometry : Type C

CIE Class: Semi-Direct

Cutoff Class: Semicutoff

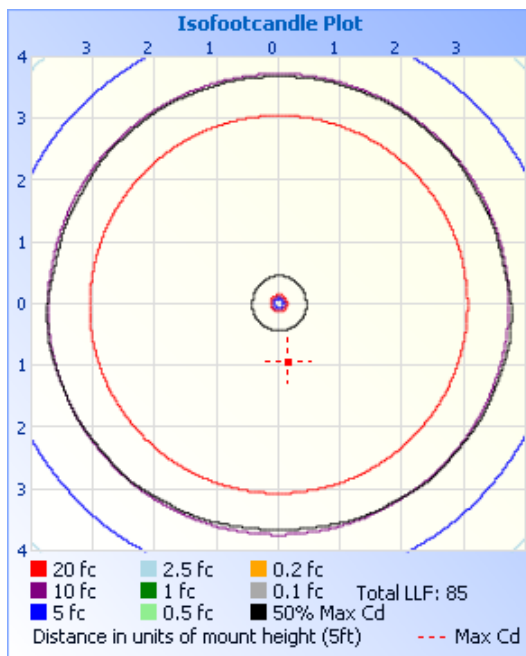


Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	105.9	6.4%
0-40	295.3	17.8%
0-60	832.2	50.2%
60-90	528.6	31.9%
70-100	356.0	21.5%
90-120	195.6	11.8%
0-90	1,360.8	82%
90-180	298.0	18%
0-180	1,658.8	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	0.5	0.0%	90-100	74.7	4.5%
10-20	17.1	1.0%	100-110	66.2	4%
20-30	88.3	5.3%	110-120	54.7	3.3%
30-40	189.4	11.4%	120-130	42.2	2.5%
40-50	259.7	15.7%	130-140	29.7	1.8%
50-60	277.3	16.7%	140-150	18.5	1.1%
60-70	247.3	14.9%	150-160	8.9	0.5%
70-80	179.2	10.8%	160-170	2.7	0.2%
80-90	102.2	6.2%	170-180	0.3	0%



Center Beam fc	Illuminance at a Distance	
	Center Beam fc	Beam Width
3.3R	0.10 fc	19.1 ft 21.9 ft
6.7R	0.03 fc	38.7 ft 44.4 ft
10.0R	0.01 fc	57.8 ft 66.2 ft
13.3R	0.01 fc	76.8 ft 88.1 ft
16.7R	0.00 fc	96.5 ft 110.6 ft
20.0R	0.00 fc	115.5 ft 132.4 ft

Vert. Spread: 141.8°
 Horiz. Spread: 146.4°

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 Reported data calculated from manufacturer's data file, based on IES recommended methods.