

KUZCO LIGHTING

LUMINAIRE PHOTOMETRIC REPORT

Filename: 402501BK-LED - Ultra

Manufacturer: Kuzco Lighting

Luminaire: Ceiling Mounted

Luminaire Cat: 402501BK-LED

Lamp Cat: PND 02-400-930-120-S1 (x2)

Lamp Output: Total luminaire Lumens: 264.5

Max Candela: 62.9 at Horizontal: 0°, Vertical: 0°

Input Wattage: 5.4

Luminous Opening: Circular (Dia: 2.05")

Test: 661_16

Test Date: 16 December 2016

Test Lab: Kuzco Lighting

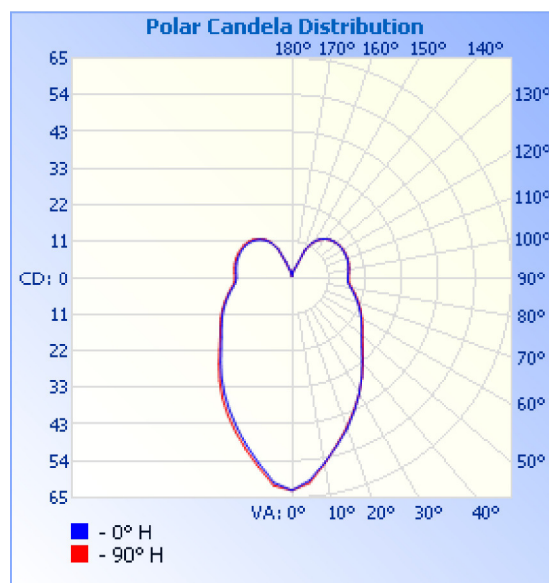
Photometry : Type C

CIE Class: Semi-Direct

Cutoff Class: Noncutoff

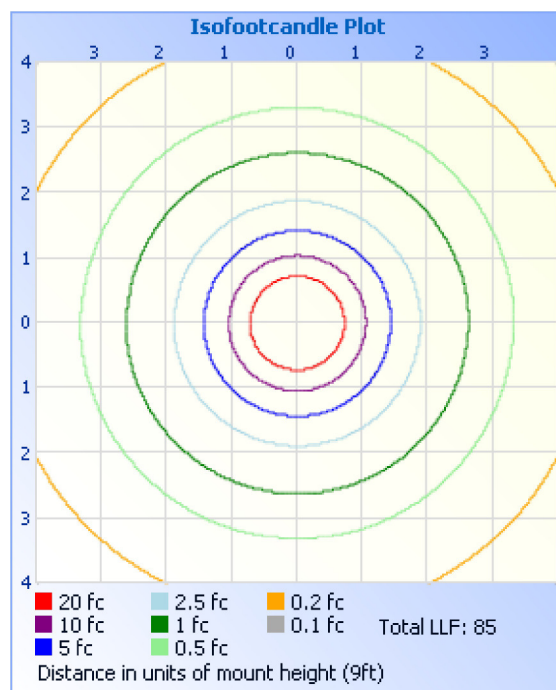
Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	40.2	15.2%
0-40	62.8	23.8%
0-60	108.6	41%
60-90	61.0	23.1%
70-100	57.2	21.6%
90-120	53.6	20.2%
0-90	169.6	64.1%
90-180	95.0	35.9%
0-180	264.5	100%



Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	5.6	2.1%	90-100	18.3	6.9%
10-20	14.5	5.5%	100-110	18.1	6.9%
20-30	20.1	7.6%	110-120	17.1	6.5%
30-40	22.7	8.6%	120-130	15.2	5.7%
40-50	23.0	8.7%	130-140	12.3	4.7%
50-60	22.8	8.6%	140-150	8.6	3.3%
60-70	22.1	8.4%	150-160	4.2	1.6%
70-80	20.4	7.7%	160-170	0.9	0.3%
80-90	18.5	7.0%	170-180	0.1	0%



Illuminance at a Distance

	Center Beam fc	Beam Width
1.5ft	27.9 fc	2.7 ft 2.8 ft
3.0ft	6.98 fc	5.4 ft 5.5 ft
4.5ft	3.10 fc	8.0 ft 8.3 ft
6.0ft	1.75 fc	10.7 ft 11.1 ft
7.5ft	1.12 fc	13.4 ft 13.8 ft
9.0ft	0.78 fc	16.1 ft 16.6 ft

■ Vert. Spread: 83.5°
■ Horiz. Spread: 85.3°