

KUZCO LIGHTING

LUMINAIRE PHOTOMETRIC REPORT

Filename: FM13120-BK-5CCT - Beacon @3000K

Manufacturer: KUZCO LIGHTING

Luminaire: CEILING MOUNT/FLUSH MOUNT

Luminaire Cat: FM13120-BK-5CCT

Lamp: 120VAC 60HZ 0.23A 24W

Lamp Cat: KUZCO5K24X2W-177 GGU-2750

Lamp Output: Total luminaire Lumens: 1277.3

Max Candela: 393.9 at Horizontal: 90°, Vertical: 7°

Input Wattage: 24.1

Luminous Opening: Circular (Dia: 20")

Test: 2490-24

Test Date: 21 May 2024

Test Lab: KUZCO LIGHTING

Photometry : Type C

CIE Class: Direct

Cutoff Class: Cutoff

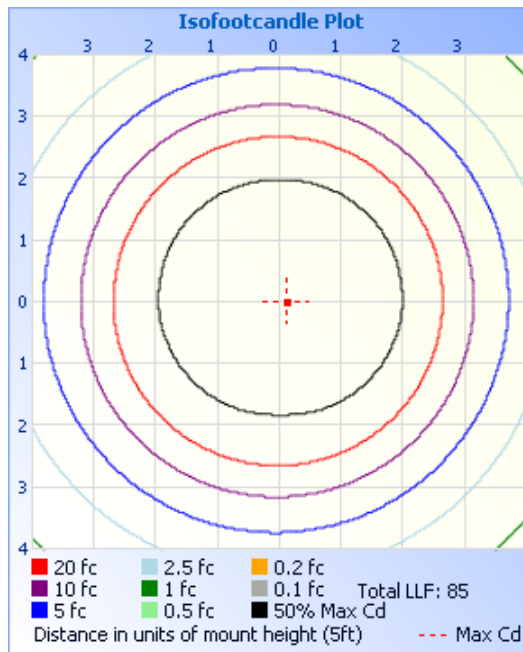
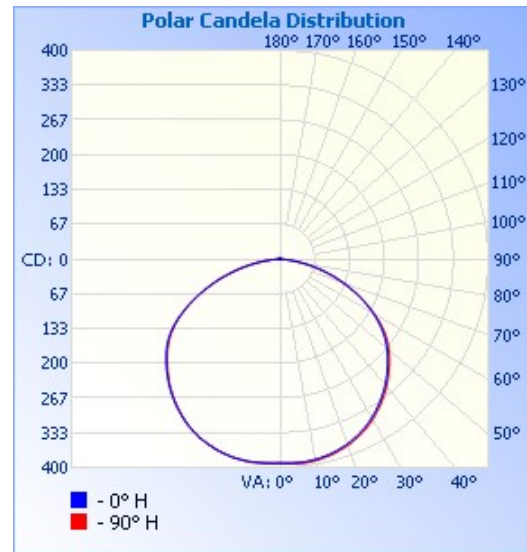
Nema Type: 7 X 7

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	317.8	24.9%
0-40	530.7	41.6%
0-60	984.8	77.1%
60-90	283.4	22.2%
70-100	112.4	8.8%
90-120	3.0	0.2%
0-90	1,268.1	99.3%
90-180	9.2	0.7%
0-180	1,277.3	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	37.4	2.9%	90-100	0.7	0.1%
10-20	109.5	8.6%	100-110	1.0	0.1%
20-30	170.8	13.4%	110-120	1.2	0.1%
30-40	212.9	16.7%	120-130	1.4	0.1%
40-50	231.4	18.1%	130-140	1.4	0.1%
50-60	222.6	17.4%	140-150	1.3	0.1%
60-70	171.6	13.4%	150-160	1.1	0.1%
70-80	93.2	7.3%	160-170	0.7	0.1%
80-90	18.5	1.4%	170-180	0.3	0%



	Center Beam fc	Beam Width
3.3R	35.9 fc	12.3 ft 12.6 ft
6.7R	8.72 fc	25.0 ft 25.5 ft
10.0R	3.91 fc	37.3 ft 38.1 ft
13.3R	2.21 fc	49.6 ft 50.7 ft
16.7R	1.40 fc	62.3 ft 63.6 ft
20.0R	0.98 fc	74.6 ft 76.2 ft

■ Vert. Spread: 123.6°
■ Horiz. Spread: 124.6°

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