



Filename: FM93820-BK-UNV - Synergy

Manufacturer: KUZCO LIGHTING

Luminaire: FLUSH MOUNT

Luminaire Cat: Synergy - FM93820 - BK - UNV

Lamp: DC LED Module with DC Driver

Lamp Cat: DC LED Module with DC Driver

Ballast Desc: Vin = 120 - 277VAC , Iin = 0.55AMP ; Vout = 18 - 49VDC , Iout = 900mA

Ballast Cat: Novbo - NE046277090 - 2GH

Lamp Output: Total luminaire Lumens: 1582.8

Max Candela: 188.0 at Horizontal: 180°, Vertical: 5°

Input Wattage: 35.7

Luminous Opening: Rectangle (L: 4.57", W: 10")

Test: 3603--25

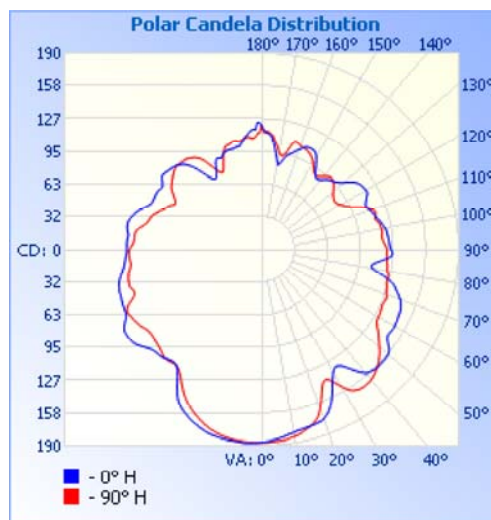
Test Date: 08 September 2025

Test Lab: EVERFINE

Photometry : Type C

CIE Class: General Diffuse

Cutoff Class: Noncutoff

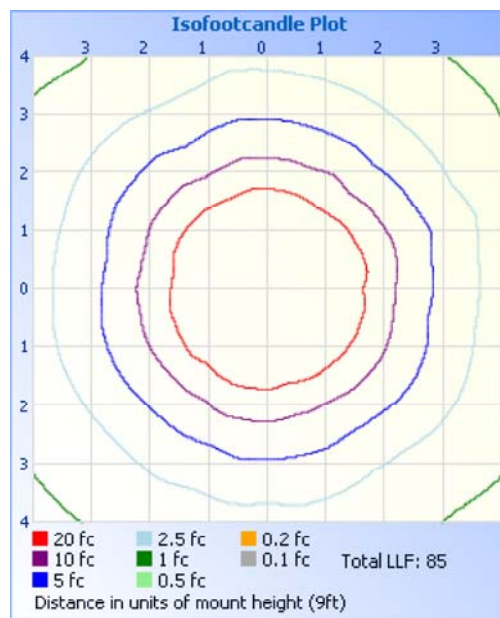


Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	142.4	9%
0-40	234.3	14.8%
0-60	481.3	30.4%
60-90	418.8	26.5%
70-100	410.4	25.9%
90-120	361.7	22.9%
0-90	900.1	56.9%
90-180	682.8	43.1%
0-180	1,582.8	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	17.7	1.1%	90-100	131.0	8.3%
10-20	50.7	3.2%	100-110	121.7	7.7%
20-30	74.1	4.7%	110-120	109.0	6.9%
30-40	91.9	5.8%	120-130	97.0	6.1%
40-50	114.7	7.2%	130-140	79.5	5%
50-60	132.2	8.4%	140-150	59.2	3.7%
60-70	139.4	8.8%	150-160	46.5	2.9%
70-80	141.7	9.0%	160-170	28.8	1.8%
80-90	137.7	8.7%	170-180	10.1	0.6%



Illuminance at a Distance		
	Center Beam fc	Beam Width
1.5ft	82.9 fc	
3.0ft	20.7 fc	
4.5ft	9.22 fc	
6.0ft	5.18 fc	
7.5ft	3.32 fc	
9.0ft	2.30 fc	