



Filename: FM93820-AS-UNV - Synergy

Manufacturer: KUZCO LIGHTING

Luminaire: FLUSH MOUNT

Luminaire Cat: Synergy - FM93820 - AS - 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: 1927.5

Max Candela: 216.8 at Horizontal: 90°, Vertical: 4°

Input Wattage: 35.6

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

Test: 3604--25

Test Date: 08 September 2025

Test Lab: EVERFINE

Photometry : Type C

CIE Class: General Diffuse

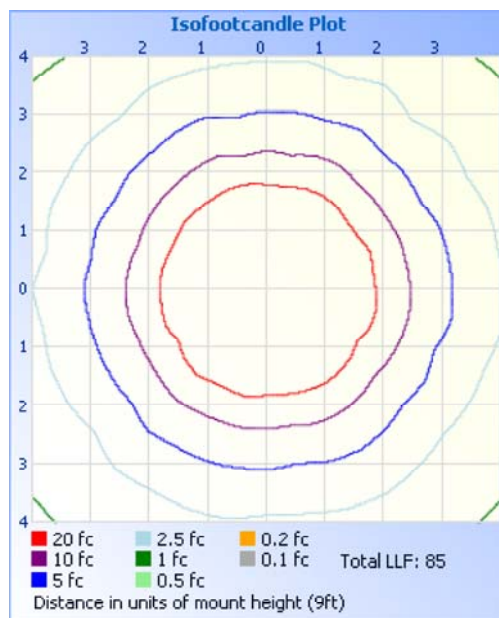
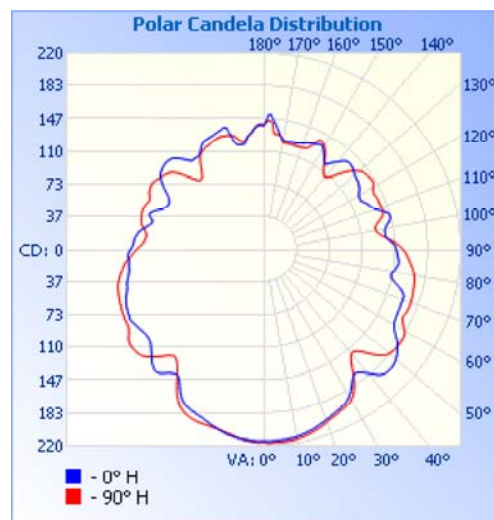
Cutoff Class: Noncutoff

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	170.3	8.8%
0-40	281.5	14.6%
0-60	575.9	29.9%
60-90	506.3	26.3%
70-100	496.1	25.7%
90-120	438.8	22.8%
0-90	1,082.2	56.1%
90-180	845.3	43.9%
0-180	1,927.5	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	20.4	1.1%	90-100	158.4	8.2%
10-20	58.7	3.0%	100-110	147.2	7.6%
20-30	91.2	4.7%	110-120	133.3	6.9%
30-40	111.2	5.8%	120-130	120.1	6.2%
40-50	135.4	7.0%	130-140	98.1	5.1%
50-60	159.0	8.3%	140-150	78.5	4.1%
60-70	168.6	8.7%	150-160	61.0	3.2%
70-80	171.5	8.9%	160-170	36.2	1.9%
80-90	166.2	8.6%	170-180	12.5	0.7%



Illuminance at a Distance		
	Center Beam fc	Beam Width
1.5ft	95.6 fc	3.0 ft
3.0ft	23.9 fc	6.0 ft
4.5ft	10.6 fc	9.0 ft
6.0ft	5.97 fc	12.0 ft
7.5ft	3.82 fc	15.0 ft
9.0ft	2.65 fc	18.0 ft

■ Beam Spread: 90.0°