

KUZCO LED LIGHTING

Filename: PD43612-BK_OP-5CCT-UNV - Marco

Lamp: DC LED

Lamp Cat: PD43612-BK/OP-5CCT-UNV

Lamp Output: 1 lamp, rated Lumens/lamp: 929.6

Max Candela: 81.5 at Horizontal: 40°, Vertical: 82°

Input Wattage: 13.706

Luminous Opening: Point

Test: ZSIES-00169-20241226-A

Test Date: 2024-12-26

Test Lab: Kuzco ZhongShan LAB

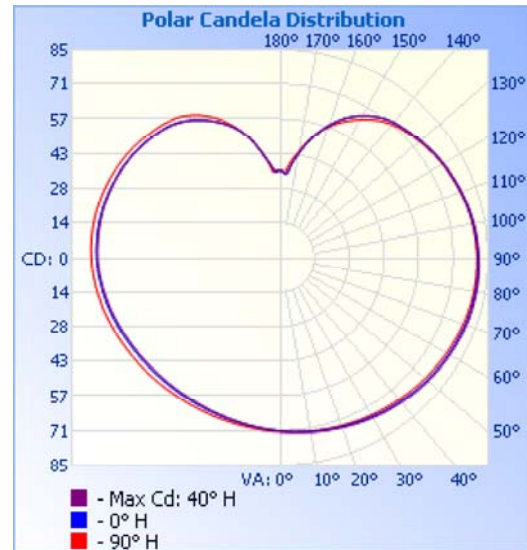
Photometry : Type C

CIE Class: General Diffuse

Cutoff Class: Noncutoff

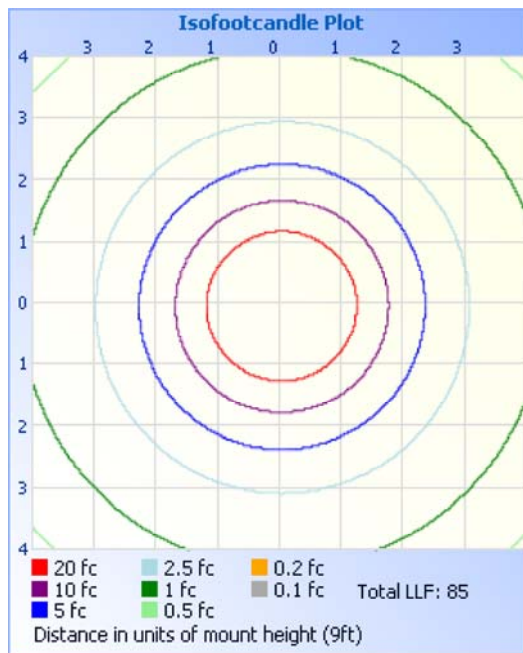
Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	60.3	6.5%	6.5%
0-40	105.9	11.4%	11.4%
0-60	230.0	24.7%	24.7%
60-90	242.5	26.1%	26.1%
70-100	252.3	27.1%	27.1%
90-120	243.4	26.2%	26.2%
0-90	472.5	50.8%	50.8%
90-180	457.1	49.2%	49.2%
0-180	929.6	100%	100%



Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	6.8	0.7%	90-100	85.3	9.2%
10-20	20.2	2.2%	100-110	82.1	8.8%
20-30	33.3	3.6%	110-120	75.9	8.2%
30-40	45.6	4.9%	120-130	67.1	7.2%
40-50	57.0	6.1%	130-140	56.2	6%
50-60	67.1	7.2%	140-150	43.4	4.7%
60-70	75.5	8.1%	150-160	28.7	3.1%
70-80	81.8	8.8%	160-170	14.6	1.6%
80-90	85.2	9.2%	170-180	3.7	0.4%



Illuminance at a Distance

	Center Beam fc	Beam Width
1.5ft	31.6 fc	0.3 ft
3.0ft	7.90 fc	0.5 ft
4.5ft	3.51 fc	0.8 ft
6.0ft	1.97 fc	1.0 ft
7.5ft	1.26 fc	1.3 ft
9.0ft	0.88 fc	1.6 ft

■ Beam Spread: 10.0°

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