



Filename: WS77909-BK_OP - Cleo

Manufacturer: KUZCO LIGHTING

Luminaire: WALL SCONCE

Luminaire Cat: Cleo - WS77909 - BKOP

Lamp: AC LED Module

Lamp Cat: AC LED Module

Ballast Desc: 120VAC ; 50/60Hz

Ballast Cat: PERNIA - KED50 - 120 - A3 - A

Lamp Output: Total luminaire Lumens: 318.9

Max Candela: 97.3 at Horizontal: 357.5°, Vertical: 90°

Input Wattage: 9.9

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

Test: 3687--25

Test Date: 25 September 2025

Test Lab: EVERFINE

Photometry : Type C

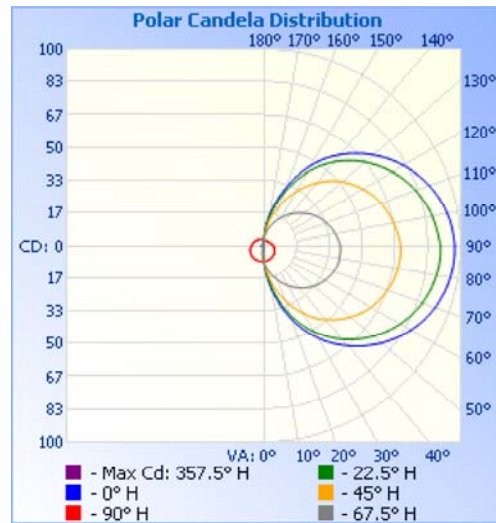
CIE Class: General Diffuse

Cutoff Class: Noncutoff

Nema Type: 7 X 7

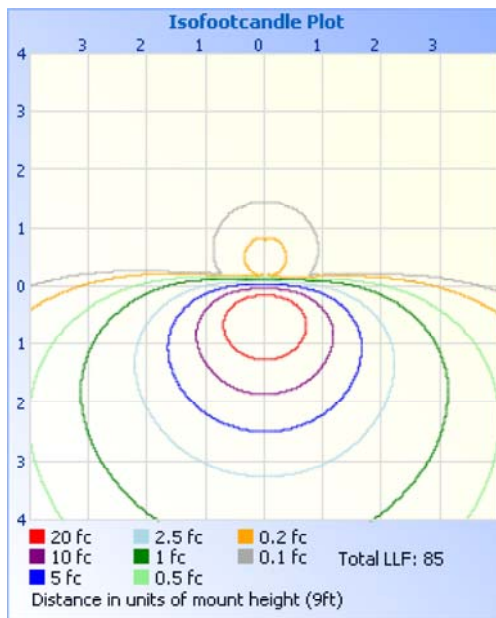
Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	12.1	3.8%
0-40	25.3	7.9%
0-60	69.4	21.8%
60-90	97.8	30.7%
70-100	102.3	32.1%
90-120	93.7	29.4%
0-90	167.1	52.4%
90-180	151.8	47.6%
0-180	318.9	100%



Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	0.9	0.3%	90-100	34.3	10.7%
10-20	3.5	1.1%	100-110	31.7	10%
20-30	7.8	2.4%	110-120	27.7	8.7%
30-40	13.2	4.2%	120-130	22.4	7%
40-50	19.2	6.0%	130-140	16.6	5.2%
50-60	24.9	7.8%	140-150	10.8	3.4%
60-70	29.7	9.3%	150-160	5.8	1.8%
70-80	33.2	10.4%	160-170	2.2	0.7%
80-90	34.8	10.9%	170-180	0.4	0.1%



	Center Beam fc	Beam Width
1.5R	3.63 fc	5.5 ft
3.0R	0.91 fc	10.9 ft
4.5R	0.40 fc	16.4 ft
6.0R	0.23 fc	21.9 ft
7.5R	0.15 fc	27.3 ft
9.0R	0.10 fc	32.8 ft

■ Vert. Spread: 122.5°
 ■ Horiz. Spread: 123.2°