

# KUZCO LIGHTING LED

**Filename:** PD9117-BK\_GD - Helena

**Manufacturer:** KUZCO LIGHTING

**Luminaire Cat:** Helena - PD9117 - BK/GD

**Lamp:** AC LED Module

**Ballast Desc:** AC LED Module

**Ballast Cat:** KED125 - 120 - A3 - F

**Lamp Output:** Total luminaire Lumens: 1325.3

**Max Candela:** 592.0 at Horizontal: 270°, Vertical: 1°

**Input Wattage:** 34.7

**Luminous Opening:** Circular (Dia: 2.36")

**Test:** 2648-24

**Test Date:** 19 September 2024

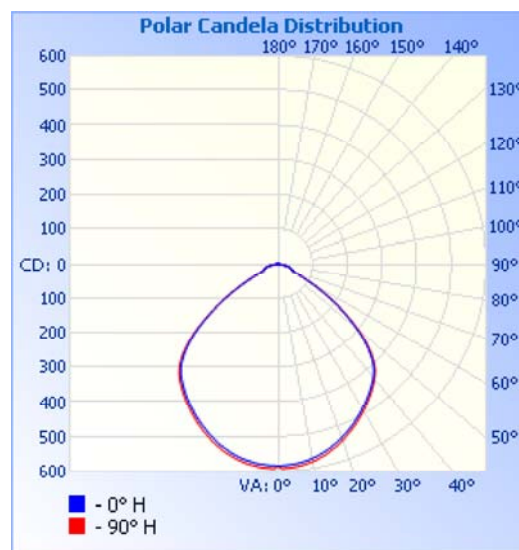
**Test Lab:** KUZCO LIGHTING

**Photometry :** Type C

**CIE Class:** Direct

**Cutoff Class:** Cutoff

**Nema Type:** 6 X 6

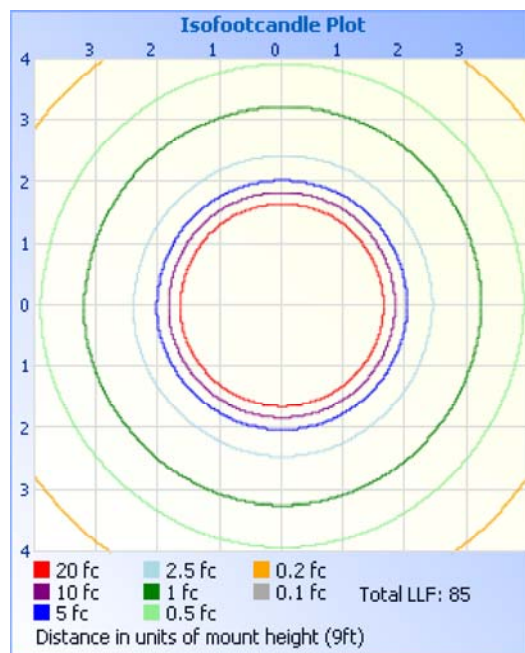


## Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	449.9	33.9%
0-40	738.3	55.7%
0-60	1,217.7	91.9%
60-90	97.8	7.4%
70-100	41.2	3.1%
90-120	2.3	0.2%
0-90	1,315.6	99.3%
90-180	9.8	0.7%
0-180	1,325.3	100%

## Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	55.2	4.2%	90-100	0.4	0%
10-20	157.3	11.9%	100-110	0.7	0.1%
20-30	237.4	17.9%	110-120	1.1	0.1%
30-40	288.4	21.8%	120-130	1.5	0.1%
40-50	292.8	22.1%	130-140	1.6	0.1%
50-60	186.6	14.1%	140-150	1.6	0.1%
60-70	57.1	4.3%	150-160	1.4	0.1%
70-80	33.4	2.5%	160-170	1.0	0.1%
80-90	7.4	0.6%	170-180	0.4	0%



**Illuminance at a Distance**

	Center Beam fc	Beam Width	
1.5ft	260 fc	3.6 ft	3.7 ft
3.0ft	64.9 fc	7.3 ft	7.4 ft
4.5ft	28.8 fc	10.9 ft	11.1 ft
6.0ft	16.2 fc	14.6 ft	14.8 ft
7.5ft	10.4 fc	18.2 ft	18.5 ft
9.0ft	7.21 fc	21.9 ft	22.2 ft

■ Vert. Spread: 101.1°  
■ Horiz. Spread: 101.8°