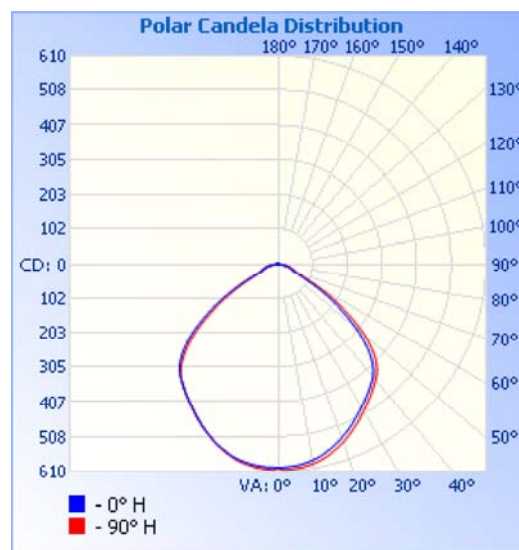


# KUZCO LIGHTING | LED

**Filename:** PD9117-WH\_SV - Helena  
**Manufacturer:** KUZCO LIGHTING  
**Luminaire Cat:** Helena - PD9117 - WH/SV  
**Lamp:** AC LED Module  
**Ballast Desc:** AC LED Module  
**Ballast Cat:** KED125 - 120 - A3 - F  
**Lamp Output:** Total luminaire Lumens: 1370.1  
**Max Candela:** 605.6 at Horizontal: 90°, Vertical: 2°  
**Input Wattage:** 34.7  
**Luminous Opening:** Circular (Dia: 2.36")  
**Test:** 2649-24  
**Test Date:** 19 September 2024  
**Test Lab:** KUZCO LIGHTING  
**Photometry :** Type C  
**CIE Class:** Direct  
**Cutoff Class:** Cutoff  
**Nema Type:** 7 X 6

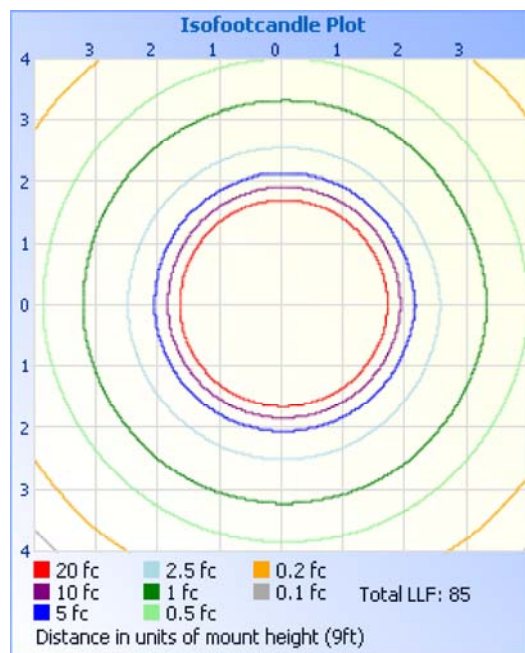
## Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	458.8	33.5%
0-40	750.6	54.8%
0-60	1,251.6	91.4%
60-90	108.4	7.9%
70-100	41.4	3%
90-120	2.4	0.2%
0-90	1,360.0	99.3%
90-180	10.1	0.7%
0-180	1,370.1	100%



## Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	56.7	4.1%	90-100	0.4	0%
10-20	161.2	11.8%	100-110	0.8	0.1%
20-30	240.9	17.6%	110-120	1.2	0.1%
30-40	291.8	21.3%	120-130	1.5	0.1%
40-50	300.4	21.9%	130-140	1.7	0.1%
50-60	200.5	14.6%	140-150	1.7	0.1%
60-70	67.4	4.9%	150-160	1.5	0.1%
70-80	34.3	2.5%	160-170	1.0	0.1%
80-90	6.7	0.5%	170-180	0.4	0%



	Center Beam fc	Beam Width
1.5ft	266 fc	3.7 ft 3.7 ft
3.0ft	66.6 fc	7.4 ft 7.5 ft
4.5ft	29.6 fc	11.1 ft 11.2 ft
6.0ft	16.6 fc	14.8 ft 14.9 ft
7.5ft	10.7 fc	18.5 ft 18.7 ft
9.0ft	7.40 fc	22.2 ft 22.4 ft

■ Vert. Spread: 101.9°  
 ■ Horiz. Spread: 102.5°