

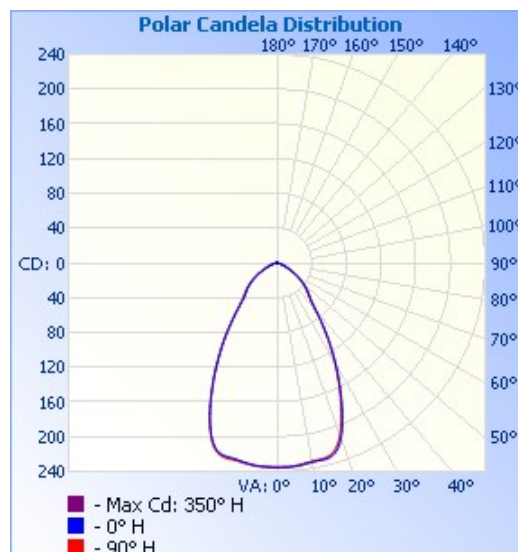
# KUZCO LIGHTING

## LUMINAIRE PHOTOMETRIC REPORT

**Filename:** PD9108-BK\_GD - Helena  
**Manufacturer:** KUZCO LIGHTING  
**Luminaire:** CEILING MOUNT / PENDANT  
**Luminaire Cat:** PD9108-BK/GD  
**Lamp:** AC LED  
**Lamp Cat:** D89-1000-930-120-S3- 12W  
**Ballast Desc:** N/A  
**Ballast Cat:** N/A  
**Lamp Output:** Total luminaire Lumens: 328  
**Max Candela:** 235.3 at Horizontal: 350°, Vertical: 2°  
**Input Wattage:** 11.9  
**Luminous Opening:** Circular (Dia: 7.99")  
**Test:** 1773-22  
**Test Date:** 14 February 2022  
**Test Lab:** KUZCO LIGHTING  
**Photometry :** Type C  
**CIE Class:** Direct  
**Cutoff Class:** Cutoff  
**Nema Type:** 6 X 6

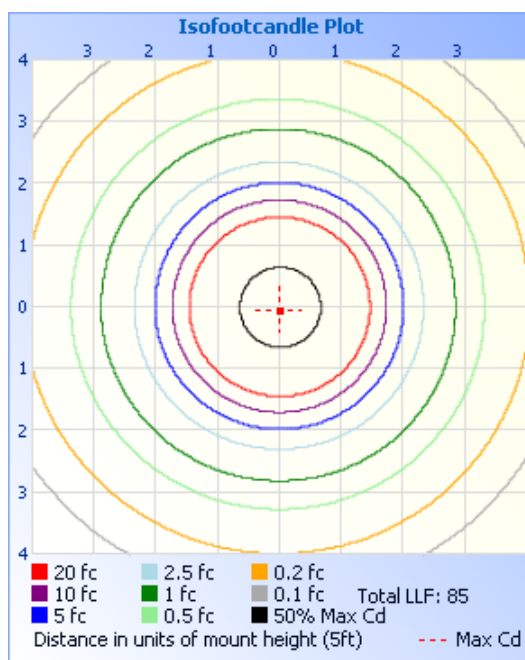
### Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	168.3	51.3%
0-40	231.6	70.6%
0-60	303.1	92.4%
60-90	21.4	6.5%
70-100	6.8	2.1%
90-120	0.9	0.3%
0-90	324.5	98.9%
90-180	3.6	1.1%
0-180	328.0	100%



### Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	22.3	6.8%	90-100	0.2	0.1%
10-20	64.6	19.7%	100-110	0.3	0.1%
20-30	81.4	24.8%	110-120	0.4	0.1%
30-40	63.4	19.3%	120-130	0.5	0.2%
40-50	41.6	12.7%	130-140	0.6	0.2%
50-60	29.9	9.1%	140-150	0.6	0.2%
60-70	14.7	4.5%	150-160	0.5	0.2%
70-80	5.6	1.7%	160-170	0.3	0.1%
80-90	1.0	0.3%	170-180	0.1	0%



	Center Beam fc	Beam Width
2.5R	37.6 fc	3.2 ft
5.0R	9.40 fc	6.4 ft
7.5R	4.18 fc	9.6 ft
10.0R	2.35 fc	12.8 ft
12.5R	1.50 fc	16.0 ft
15.0R	1.04 fc	19.3 ft

■ Vert. Spread: 65.4°  
 ■ Horiz. Spread: 65.3°