

# KUZCO

## LIGHTING

### LUMINAIRE PHOTOMETRIC REPORT

**Filename:** CH51232-BK\_WH - Magellan

**Manufacturer:** KUZCO LIGHTING

**Luminaire Cat:** CH51232-BK/WH

**Lamp:** DC LED

**Ballast Cat:** DR-CV-80-24-3200mA x2

**Lamp Output:** Total luminaire Lumens: 8915.6

**Max Candela:** 823.9 at Horizontal: 35°, Vertical: 107.5°

**Input Wattage:** 134.7

**Luminous Opening:** Circular (Dia: 0.04")

**Test:** 1427-20

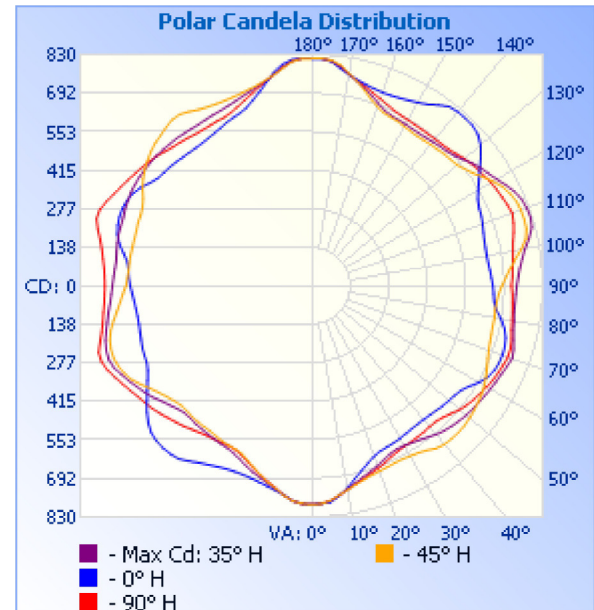
**Test Date:** 31 January 2020

**Test Lab:** KUZCO LIGHTING

**Photometry :** Type C

**CIE Class:** General Diffuse

**Cutoff Class:** Noncutoff

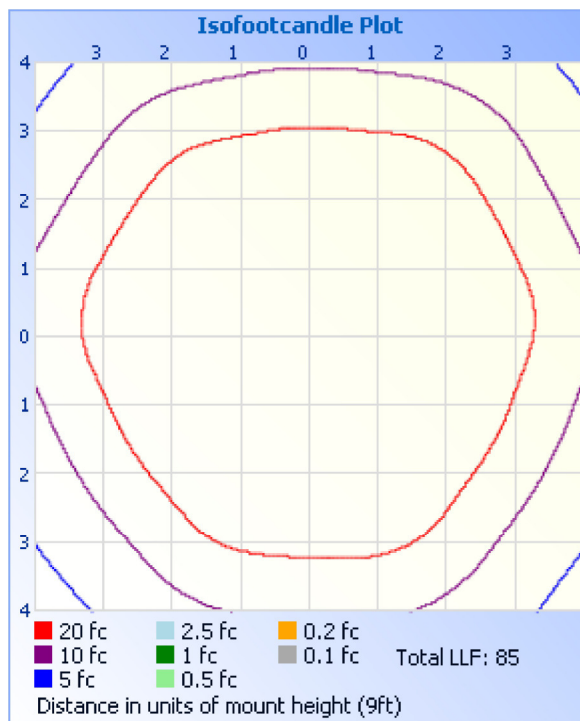


#### Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	586.0	6.6%
0-40	1,013.9	11.4%
0-60	2,184.7	24.5%
60-90	2,228.4	25%
70-100	2,265.7	25.4%
90-120	2,246.3	25.2%
0-90	4,413.1	49.5%
90-180	4,502.5	50.5%
0-180	8,915.6	100%

#### Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	72.7	0.8%	90-100	754.2	8.5%
10-20	200.6	2.2%	100-110	764.6	8.6%
20-30	312.7	3.5%	110-120	727.5	8.2%
30-40	427.9	4.8%	120-130	647.2	7.3%
40-50	537.7	6.0%	130-140	555.0	6.2%
50-60	633.1	7.1%	140-150	444.5	5%
60-70	716.9	8.0%	150-160	324.9	3.6%
70-80	758.6	8.5%	160-170	208.6	2.3%
80-90	752.9	8.4%	170-180	76.0	0.9%



#### Illuminance at a Distance

	Center Beam fc	Beam Width
1.5ft	<b>349 fc</b>	
3.0ft	<b>87.2 fc</b>	
4.5ft	<b>38.8 fc</b>	
6.0ft	<b>21.8 fc</b>	
7.5ft	<b>14.0 fc</b>	
9.0ft	<b>9.69 fc</b>	

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