

# KUZCO

## LIGHTING

### LUMINAIRE PHOTOMETRIC REPORT

**Filename:** PD12506-CL - Samson

**Manufacturer:** Kuzco Lighting

**Luminaire:** Pendant

**Luminaire Cat:** PD12506-CL

**Lamp Output:** Total luminaire Lumens: 506.4

**Max Candela:** 201.3 at Horizontal: 270°, Vertical: 5°

**Input Wattage:** 9.3

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

**Test:** 421\_16

**Test Date:** 18 May 2016

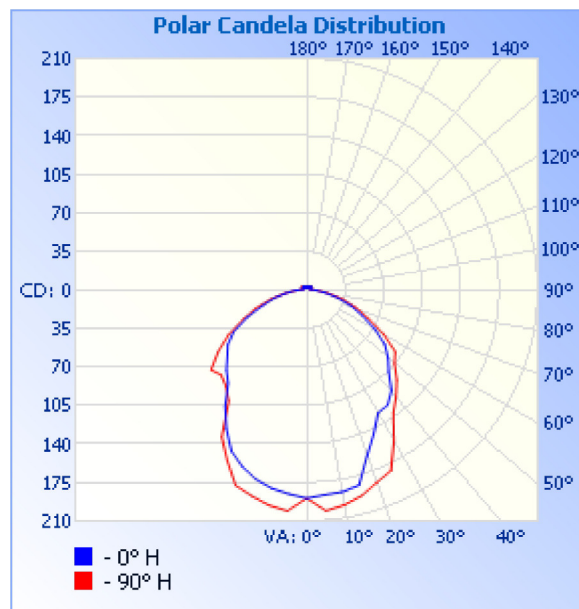
**Test Lab:** Kuzco Lighting

**Photometry :** Type C

**CIE Class:** Direct

**Cutoff Class:** Cutoff

**Nema Type:** 7 X 7

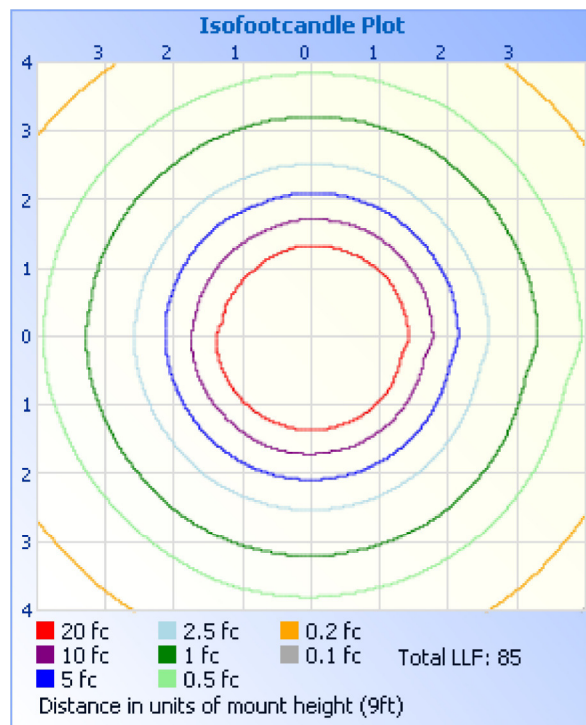


#### Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	140.1	27.7%
0-40	220.2	43.5%
0-60	381.1	75.2%
60-90	103.7	20.5%
70-100	48.7	9.6%
90-120	10.8	2.1%
0-90	484.8	95.7%
90-180	21.7	4.3%
0-180	506.4	100%

#### Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	17.9	3.5%	90-100	3.7	0.7%
10-20	50.4	10.0%	100-110	3.3	0.6%
20-30	71.8	14.2%	110-120	3.9	0.8%
30-40	80.1	15.8%	120-130	3.9	0.8%
40-50	82.5	16.3%	130-140	3.0	0.6%
50-60	78.4	15.5%	140-150	1.8	0.3%
60-70	58.7	11.6%	150-160	1.3	0.3%
70-80	33.1	6.5%	160-170	0.7	0.1%
80-90	11.9	2.4%	170-180	0.2	0%



**Illuminance at a Distance**

	Center Beam fc	Beam Width	
1.5ft	84.1 fc	3.4 ft	4.1 ft
3.0ft	21.0 fc	6.7 ft	8.1 ft
4.5ft	9.34 fc	10.1 ft	12.2 ft
6.0ft	5.25 fc	13.4 ft	16.2 ft
7.5ft	3.36 fc	16.8 ft	20.3 ft
9.0ft	2.34 fc	20.2 ft	24.4 ft

■ Vert. Spread: 96.5°  
■ Horiz. Spread: 107.1°