

# KUZCO LIGHTING

## LUMINAIRE PHOTOMETRIC REPORT

**Filename:** FM43518-WH - Brunswick

**Manufacturer:** KUZCO LIGHTING

**Luminaire:** Ceiling Mount / Flush Mount

**Luminaire Cat:** FM43518-WH

**Lamp:** AC LED Board IN: 120VAC, 0.28A, 30W, 3000K

**Lamp Cat:** CADJA KCJK30x1W-240 GGU-30

**Ballast Desc:** N/A

**Ballast Cat:** N/A

**Lamp Output:** Total luminaire Lumens: 1749.9

**Max Candela:** 560.9 at Horizontal: 105°, Vertical: 1°

**Input Wattage:** 29.4

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

**Test:** 1422-20

**Test Date:** 16 January 2020

**Test Lab:** KUZCO LIGHTING

**Photometry :** Type C

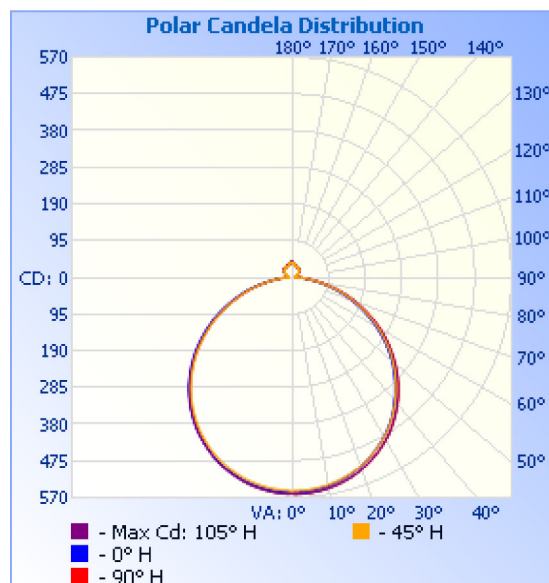
**CIE Class:** Direct

**Cutoff Class:** Cutoff

**Nema Type:** 7 X 7

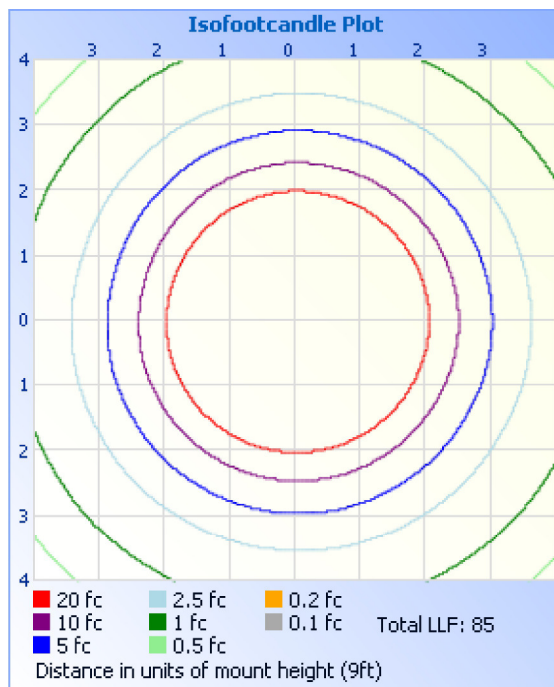
### Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	434.4	24.8%
0-40	714.1	40.8%
0-60	1,268.6	72.5%
60-90	356.0	20.3%
70-100	165.7	9.5%
90-120	39.5	2.3%
0-90	1,624.6	92.8%
90-180	125.3	7.2%
0-180	1,749.9	100%



### Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	52.6	3.0%	90-100	10.0	0.6%
10-20	151.2	8.6%	100-110	12.6	0.7%
20-30	230.5	13.2%	110-120	16.9	1%
30-40	279.7	16.0%	120-130	20.0	1.1%
40-50	291.2	16.6%	130-140	20.5	1.2%
50-60	263.3	15.0%	140-150	18.4	1.1%
60-70	200.3	11.4%	150-160	14.3	0.8%
70-80	116.1	6.6%	160-170	9.0	0.5%
80-90	39.7	2.3%	170-180	3.6	0.2%



Illuminance at a Distance			
	Center Beam fc	Beam Width	
1.5ft	247 fc	4.5 ft	4.6 ft
3.0ft	61.7 fc	9.1 ft	9.2 ft
4.5ft	27.4 fc	13.6 ft	13.8 ft
6.0ft	15.4 fc	18.2 ft	18.5 ft
7.5ft	9.87 fc	22.7 ft	23.1 ft
9.0ft	6.86 fc	27.3 ft	27.7 ft

■ Vert. Spread: 113.2°  
■ Horiz. Spread: 113.9°