

KUZCO LED LIGHTING

Filename: FM53509-BK_CL - Birch

Luminaire Cat: FM53509-BK/CL

Lamp Output: Total luminaire Lumens: 1208

Max Candela: 198.6 at Horizontal: 90°, Vertical: 10°

Input Wattage: 11.66

Luminous Opening: Vertical Cylinder (Dia : 11.81", H: 5.91")

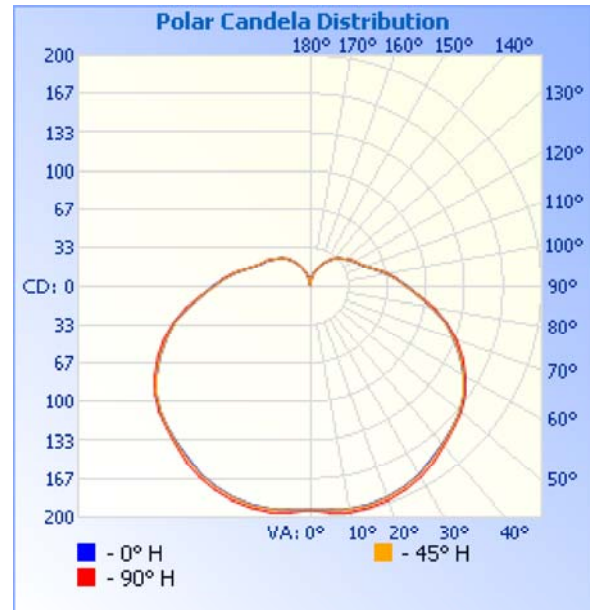
Test Date: 2023/6/25

Test Lab: LCTECH

Photometry : Type C

CIE Class: Semi-Direct

Cutoff Class: Noncutoff

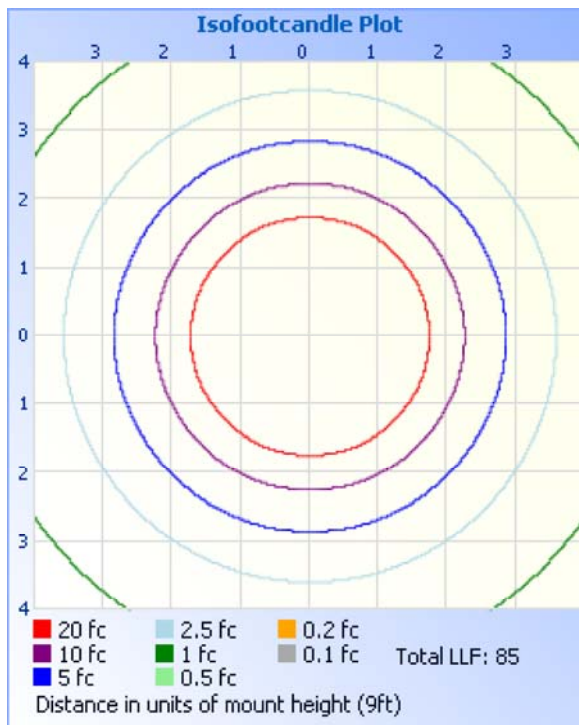


Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	163.0	13.5%
0-40	278.0	23%
0-60	556.9	46.1%
60-90	371.6	30.8%
70-100	310.3	25.7%
90-120	187.8	15.5%
0-90	928.5	76.9%
90-180	279.5	23.1%
0-180	1,208.0	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	18.6	1.5%	90-100	80.5	6.7%
10-20	55.5	4.6%	100-110	60.9	5%
20-30	88.8	7.4%	110-120	46.4	3.8%
30-40	115.0	9.5%	120-130	36.3	3%
40-50	134.1	11.1%	130-140	26.5	2.2%
50-60	144.8	12.0%	140-150	16.9	1.4%
60-70	141.9	11.7%	150-160	8.6	0.7%
70-80	127.2	10.5%	160-170	3.0	0.3%
80-90	102.6	8.5%	170-180	0.4	0%



Illuminance at a Distance

	Center Beam fc	Beam Width
1.5ft	86.2 fc	22.8 ft 25.4 ft
3.0ft	21.5 fc	45.6 ft 50.9 ft
4.5ft	9.58 fc	68.4 ft 76.3 ft
6.0ft	5.39 fc	91.2 ft 101.7 ft
7.5ft	3.45 fc	114.1 ft 127.2 ft
9.0ft	2.39 fc	136.9 ft 152.6 ft

■ Vert. Spread: 165.0°
■ Horiz. Spread: 166.5°