

# KUZCO LIGHTING

## LUMINAIRE PHOTOMETRIC REPORT

**Filename:** FM53509-BG\_CL - Birch

**Luminaire Cat:** FM53509-BG/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")

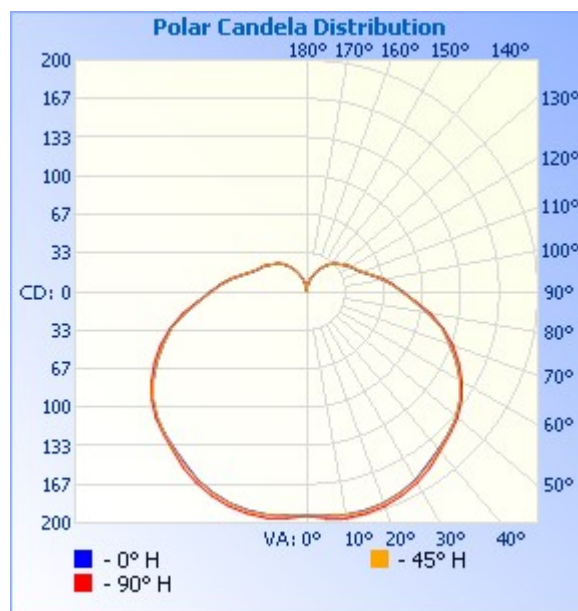
**Test Date:** 2023/6/25

**Test Lab:** LCTECH

**Photometry :** Type C

**CIE Class:** Semi-Direct

**Cutoff Class:** Noncutoff

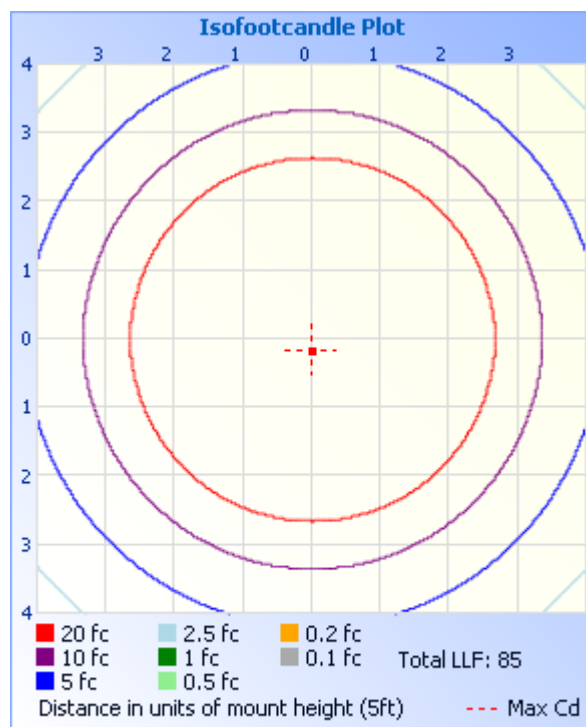


### Zonal Lumen Summary

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%



	Center Beam fc	Beam Width
2.5ft	31.0 fc	38.0 ft 42.4 ft
5.0ft	7.76 fc	76.0 ft 84.8 ft
7.5ft	3.45 fc	114.1 ft 127.2 ft
10.0ft	1.94 fc	152.1 ft 169.6 ft
12.5ft	1.24 fc	190.1 ft 211.9 ft
15.0ft	0.86 fc	228.1 ft 254.3 ft

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