



**Filename:** FM53512-BG\_CL - Birch

**Manufacturer:** KUZCO LIGHTING

**Luminaire:** Ceiling Mount / Flush Mount

**Luminaire Cat:** FM53512-BG/CL

**Lamp:** DC LED

**Lamp Cat:** KMD50-6S4P-B

**Ballast Desc:** Input:120Vac, 0.17A 50/60Hz. Output: 12-40V 300mA

**Ballast Cat:** NE012120030-2G

**Lamp Output:** Total luminaire Lumens: 1282.7

**Max Candela:** 228.7 at Horizontal: 280°, Vertical: 11°

**Input Wattage:** 12.2

**Luminous Opening:** Circular (Dia: 4.49")

**Test:** 2294-23

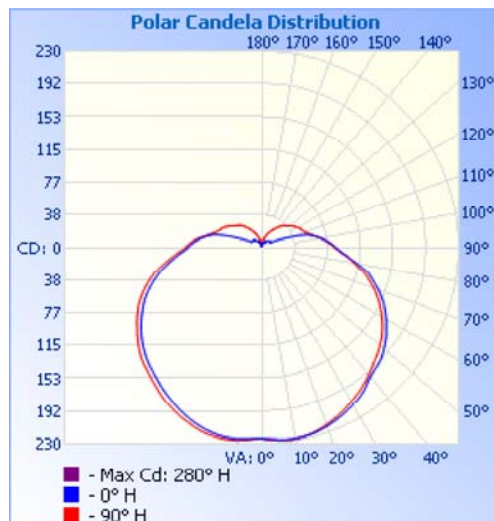
**Test Date:** 23 October 2023

**Test Lab:** KUZCO LIGHTING

**Photometry :** Type C

**CIE Class:** Semi-Direct

**Cutoff Class:** Noncutoff

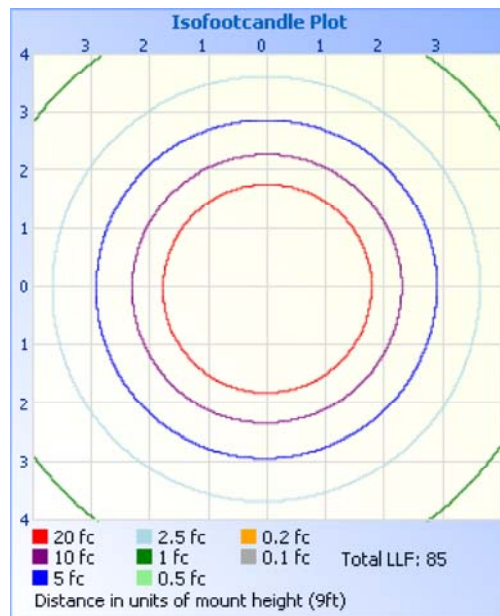


#### Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	185.2	14.4%
0-40	313.0	24.4%
0-60	615.7	48%
60-90	395.1	30.8%
70-100	327.7	25.5%
90-120	193.8	15.1%
0-90	1,010.8	78.8%
90-180	271.9	21.2%
0-180	1,282.7	100%

#### Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	21.6	1.7%	90-100	85.2	6.6%
10-20	63.7	5.0%	100-110	63.0	4.9%
20-30	100.0	7.8%	110-120	45.7	3.6%
30-40	127.8	10.0%	120-130	33.1	2.6%
40-50	146.8	11.4%	130-140	22.7	1.8%
50-60	155.9	12.2%	140-150	13.4	1%
60-70	152.6	11.9%	150-160	6.4	0.5%
70-80	135.3	10.5%	160-170	2.2	0.2%
80-90	107.3	8.4%	170-180	0.3	0%



Illuminance at a Distance			
	Center Beam fc	Beam Width	
1.5ft	99.4 fc	16.3 ft	16.2 ft
3.0ft	24.9 fc	32.6 ft	32.4 ft
4.5ft	11.0 fc	48.9 ft	48.6 ft
6.0ft	6.21 fc	65.3 ft	64.8 ft
7.5ft	3.98 fc	81.6 ft	81.0 ft
9.0ft	2.76 fc	97.9 ft	97.3 ft

■ Vert. Spread: 159.2°  
■ Horiz. Spread: 159.0°