

# KUZCO LIGHTING | LED

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

**Manufacturer:** KUZCO LIGHTING

**Luminaire:** FLUSH MOUNT

**Luminaire Cat:** Birch - FM53509-BG/CL

**Lamp:** DC LED with DC Driver

**Ballast Desc:** INPUT: 120 VAC, 0.17 AMP; OUT: 12 - 40 VDC ; 300mA

**Ballast Cat:** Novbo - NE012120030-2G

**Lamp Output:** Total luminaire Lumens: 1291.4

**Max Candela:** 203.0 at Horizontal: 170°, Vertical: 16°

**Input Wattage:** 12.1

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

**Test:** 2628-24

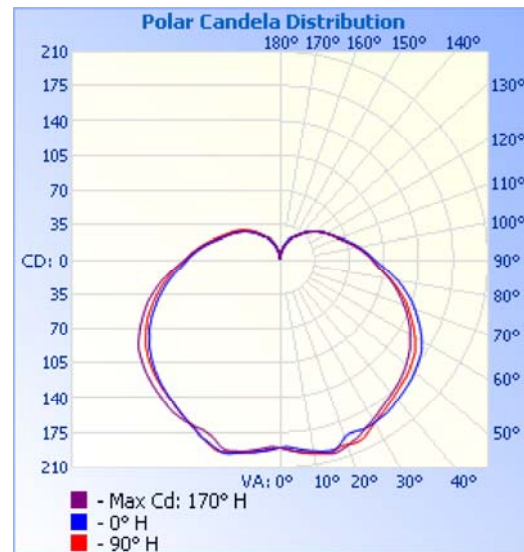
**Test Date:** 09 September 2024

**Test Lab:** KUZCO LIGHTING

**Photometry :** Type C

**CIE Class:** Semi-Direct

**Cutoff Class:** Noncutoff

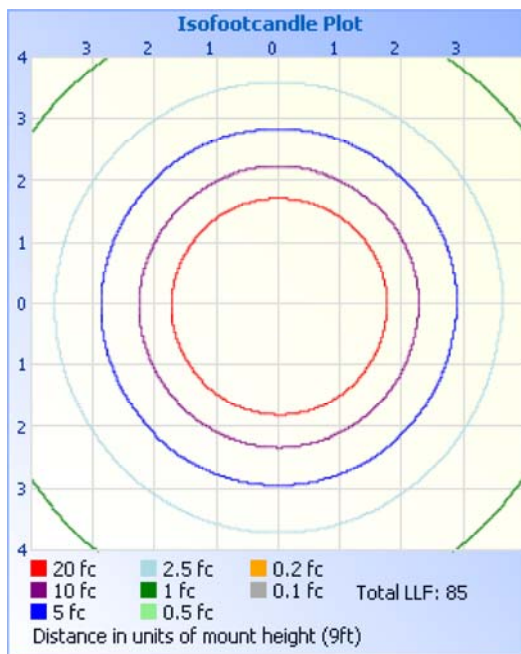


## Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	164.3	12.7%
0-40	279.4	21.6%
0-60	561.6	43.5%
60-90	393.3	30.5%
70-100	341.5	26.4%
90-120	227.8	17.6%
0-90	954.9	73.9%
90-180	336.5	26.1%
0-180	1,291.4	100%

## Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	18.5	1.4%	90-100	94.4	7.3%
10-20	56.4	4.4%	100-110	75.2	5.8%
20-30	89.4	6.9%	110-120	58.2	4.5%
30-40	115.1	8.9%	120-130	44.2	3.4%
40-50	135.0	10.5%	130-140	30.8	2.4%
50-60	147.2	11.4%	140-150	18.9	1.5%
60-70	146.2	11.3%	150-160	10.4	0.8%
70-80	133.7	10.4%	160-170	3.9	0.3%
80-90	113.5	8.8%	170-180	0.5	0%



	Center Beam fc	Beam Width	
1.5ft	84.3 fc	45.6 ft	41.1 ft
3.0ft	21.1 fc	91.2 ft	82.3 ft
4.5ft	9.36 fc	136.8 ft	123.4 ft
6.0ft	5.27 fc	182.4 ft	164.5 ft
7.5ft	3.37 fc	228.0 ft	205.7 ft
9.0ft	2.34 fc	273.6 ft	246.8 ft

■ Vert. Spread: 172.5°  
■ Horiz. Spread: 171.7°