

# KUZCO LIGHTING

## LUMINAIRE PHOTOMETRIC REPORT

**Filename:** FM3511-CHFR-5CCT - Bedford @3000K

**Manufacturer:** KUZCO LIGHTING

**Luminaire:** CEILING MOUNT / FLUSH MOUNT

**Luminaire Cat:** FM3511-CH/FR-5CCT

**Lamp:** AC LED IN: 120VAC 60HZ 0.19A 20W

**Lamp Cat:** KUZCO5K20X2W-177 GGU-2750

**Ballast Desc:** NA

**Ballast Cat:** NA

**Lamp Output:** Total luminaire Lumens: 1108.7

**Max Candela:** 265.7 at Horizontal: 90°, Vertical: 5°

**Input Wattage:** 19.5

**Luminous Opening:** Circular (Dia: 11.02")

**Test:** 2427-24

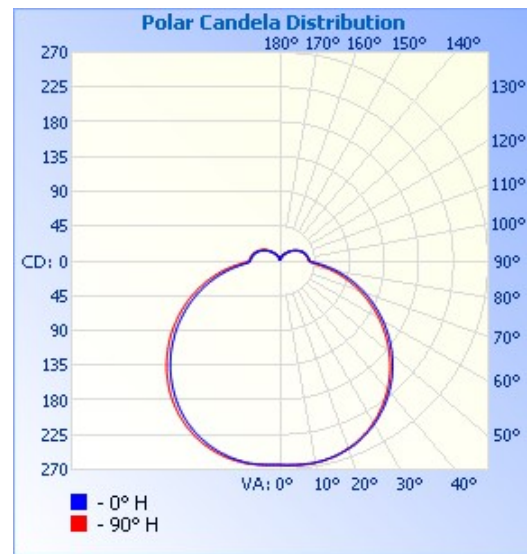
**Test Date:** 16 February 2024

**Test Lab:** KUZCO LIGHTING

**Photometry :** Type C

**CIE Class:** Semi-Direct

**Cutoff Class:** Semicutoff

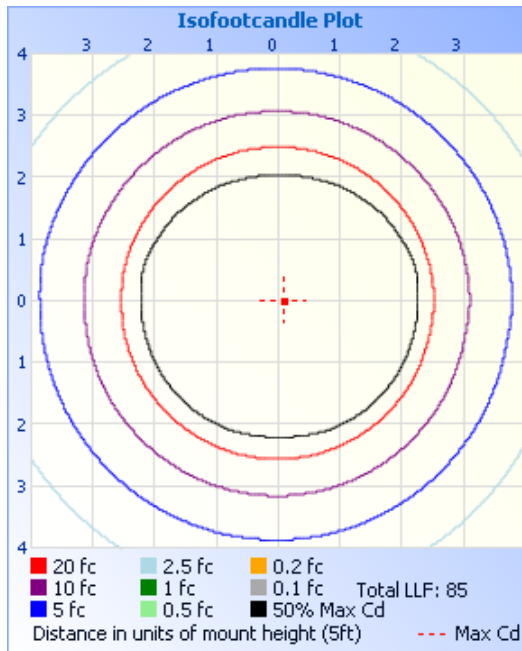


### Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	215.4	19.4%
0-40	360.2	32.5%
0-60	669.1	60.3%
60-90	284.8	25.7%
70-100	195.2	17.6%
90-120	107.4	9.7%
0-90	953.8	86%
90-180	154.9	14%
0-180	1,108.7	100%

### Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	25.3	2.3%	90-100	40.9	3.7%
10-20	74.2	6.7%	100-110	36.6	3.3%
20-30	115.9	10.5%	110-120	29.8	2.7%
30-40	144.8	13.1%	120-130	21.6	2%
40-50	157.1	14.2%	130-140	13.7	1.2%
50-60	151.8	13.7%	140-150	7.5	0.7%
60-70	130.5	11.8%	150-160	3.4	0.3%
70-80	97.0	8.8%	160-170	1.1	0.1%
80-90	57.2	5.2%	170-180	0.2	0%



	Center Beam fc	Beam Width
3.3R	24.2 fc	13.8 ft 14.1 ft
6.7R	5.88 fc	28.1 ft 28.6 ft
10.0R	2.64 fc	41.9 ft 42.7 ft
13.3R	1.49 fc	55.7 ft 56.8 ft
16.7R	0.95 fc	70.0 ft 71.3 ft
20.0R	0.66 fc	83.8 ft 85.4 ft

■ Vert. Spread: 129.0°  
■ Horiz. Spread: 129.8°