

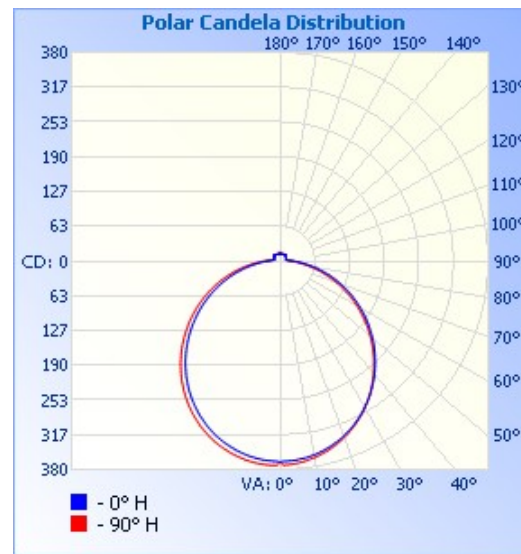
KUZCO LIGHTING

LUMINAIRE PHOTOMETRIC REPORT

Filename: HF91954-MB - Thalia
Manufacturer: KUZCO LIGHTING
Luminaire: FLUSH MOUNT
Luminaire Cat: HF91954-MB
Lamp: AC LED
Lamp Cat: LB2F120L930-18-102
Ballast Desc: NA
Ballast Cat: NA
Lamp Output: Total luminaire Lumens: 1185.9
Max Candela: 372.5 at Horizontal: 270°, Vertical: 1°
Input Wattage: 18.5
Luminous Opening: Circular (Dia: 7.99")
Test: 2440-24
Test Date: 27 March 2024
Test Lab: KUZCO LIGHTING
Photometry : Type C
CIE Class: Direct
Cutoff Class: Cutoff
Nema Type: 7 X 7

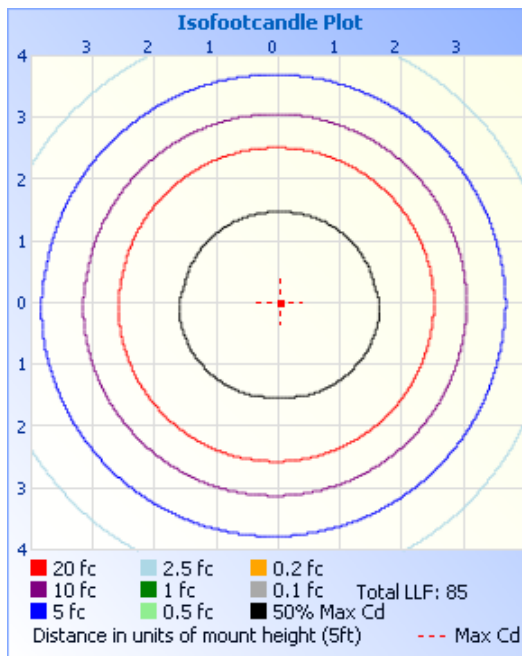
Zonal Lumen Summary

| Zone | Lumens | % Luminaire |
|--------|---------|-------------|
| 0-30 | 284.0 | 24% |
| 0-40 | 465.3 | 39.2% |
| 0-60 | 827.3 | 69.8% |
| 60-90 | 273.7 | 23.1% |
| 70-100 | 153.0 | 12.9% |
| 90-120 | 41.7 | 3.5% |
| 0-90 | 1,101.0 | 92.8% |
| 90-180 | 84.9 | 7.2% |
| 0-180 | 1,185.9 | 100% |



Lumens Per Zone

| Zone | Lumens | % Total | Zone | Lumens | % Total |
|-------|--------|---------|---------|--------|---------|
| 0-10 | 34.6 | 2.9% | 90-100 | 17.7 | 1.5% |
| 10-20 | 99.1 | 8.4% | 100-110 | 11.9 | 1% |
| 20-30 | 150.3 | 12.7% | 110-120 | 12.1 | 1% |
| 30-40 | 181.3 | 15.3% | 120-130 | 11.9 | 1% |
| 40-50 | 188.8 | 15.9% | 130-140 | 11.0 | 0.9% |
| 50-60 | 173.2 | 14.6% | 140-150 | 9.0 | 0.8% |
| 60-70 | 138.3 | 11.7% | 150-160 | 6.3 | 0.5% |
| 70-80 | 91.0 | 7.7% | 160-170 | 3.7 | 0.3% |
| 80-90 | 44.3 | 3.7% | 170-180 | 1.2 | 0.1% |



| | Center Beam fc | Beam Width |
|-------|----------------|-----------------|
| 3.3R | 33.6 fc | 9.9 ft 10.2 ft |
| 6.7R | 8.16 fc | 20.1 ft 20.6 ft |
| 10.0R | 3.66 fc | 30.1 ft 30.8 ft |
| 13.3R | 2.07 fc | 40.0 ft 41.0 ft |
| 16.7R | 1.31 fc | 50.2 ft 51.4 ft |
| 20.0R | 0.92 fc | 60.1 ft 61.6 ft |

■ Vert. Spread: 112.7°
 ■ Horiz. Spread: 114.0°