

KUZCO LIGHTING

LUMINAIRE PHOTOMETRIC REPORT

Filename: PD96424-BK - Collide

Manufacturer: KUZCO LIGHTING

Luminaire: Ceiling Mount / Pendant

Luminaire Cat: PD96424-BK

Lamp: DC LED

Lamp Cat: Unknown

Ballast Desc: Input: 120vac 0.5A 50/60Hz. Output: 21-40Vdc 1000mA

Ballast Cat: NE036040100-2G

Lamp Output: Total luminaire Lumens: 2518.7

Max Candela: 234.1 at Horizontal: 80°, Vertical: 1°

Input Wattage: 42.5

Luminous Opening: Vertical Cylinder (Dia : 22.99", H: 13.19")

Test: 2244-23

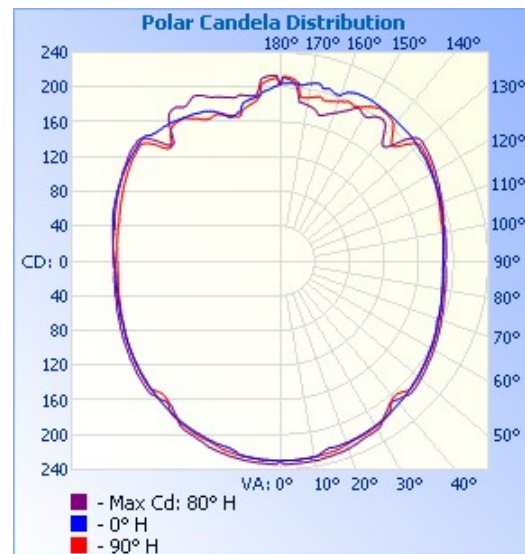
Test Date: 06 September 2023

Test Lab: KUZCO LIGHTING

Photometry : Type C

CIE Class: General Diffuse

Cutoff Class: Noncutoff

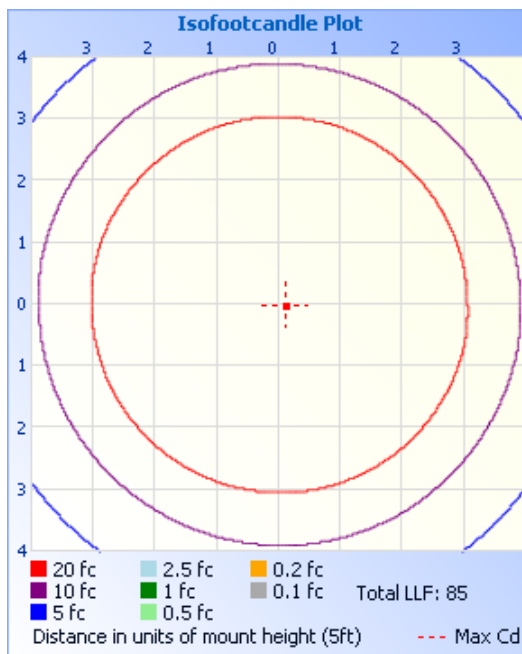


Zonal Lumen Summary

| Zone | Lumens | % Luminaire |
|--------|---------|-------------|
| 0-30 | 188.4 | 7.5% |
| 0-40 | 323.6 | 12.8% |
| 0-60 | 668.8 | 26.6% |
| 60-90 | 606.2 | 24.1% |
| 70-100 | 617.5 | 24.5% |
| 90-120 | 612.5 | 24.3% |
| 0-90 | 1,274.9 | 50.6% |
| 90-180 | 1,243.8 | 49.4% |
| 0-180 | 2,518.7 | 100% |

Lumens Per Zone

| Zone | Lumens | % Total | Zone | Lumens | % Total |
|-------|--------|---------|---------|--------|---------|
| 0-10 | 21.9 | 0.9% | 90-100 | 207.4 | 8.2% |
| 10-20 | 64.1 | 2.5% | 100-110 | 205.8 | 8.2% |
| 20-30 | 102.3 | 4.1% | 110-120 | 199.2 | 7.9% |
| 30-40 | 135.2 | 5.4% | 120-130 | 184.1 | 7.3% |
| 40-50 | 162.2 | 6.4% | 130-140 | 155.9 | 6.2% |
| 50-60 | 183.0 | 7.3% | 140-150 | 127.7 | 5.1% |
| 60-70 | 196.1 | 7.8% | 150-160 | 91.0 | 3.6% |
| 70-80 | 203.5 | 8.1% | 160-170 | 53.6 | 2.1% |
| 80-90 | 206.6 | 8.2% | 170-180 | 18.9 | 0.8% |



Illuminance at a Distance

| | Center Beam fc | Beam Width |
|--------|----------------|------------|
| 3.3ft | 21.2 fc | 6.9 ft |
| 6.7ft | 5.13 fc | 14.0 ft |
| 10.0ft | 2.30 fc | 20.9 ft |
| 13.3ft | 1.30 fc | 27.8 ft |
| 16.7ft | 0.83 fc | 34.9 ft |
| 20.0ft | 0.58 fc | 41.8 ft |

■ Beam Spread: 92.5°