

KUZCO LIGHTING

LUMINAIRE PHOTOMETRIC REPORT

Filename: FM43920-BK_WH-Essex

Manufacturer: KUZCO LIGHTING

Luminaire: CEILING MOUNT / FLUSH MOUNT

Luminaire Cat: FM43920-BK/WH

Lamp: AC LED

Lamp Cat: KCJK42-1W-310 GGU-30

Ballast Desc: N/A

Ballast Cat: N/A

Lamp Output: Total luminaire Lumens: 1784.4

Max Candela: 550.7 at Horizontal: 90°, Vertical: 1°

Input Wattage: 41.5

Luminous Opening: Circular (Dia: 20")

Test: 1621-21

Test Date: 21 April 2021

Test Lab: KUZCO LIGHTING

Photometry : Type C

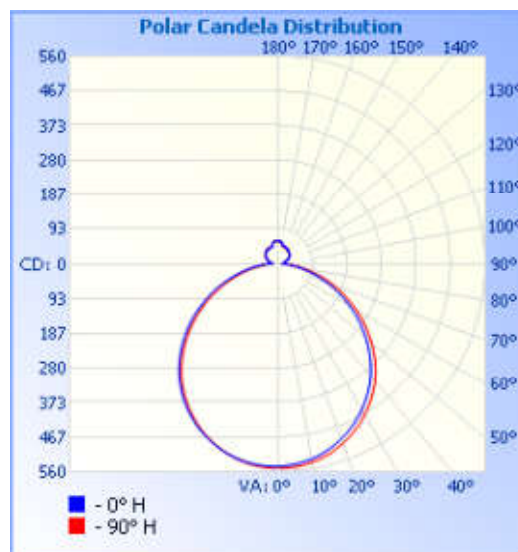
CIE Class: Semi-Direct

Cutoff Class: Semicutoff

Nema Type: 7 X 7

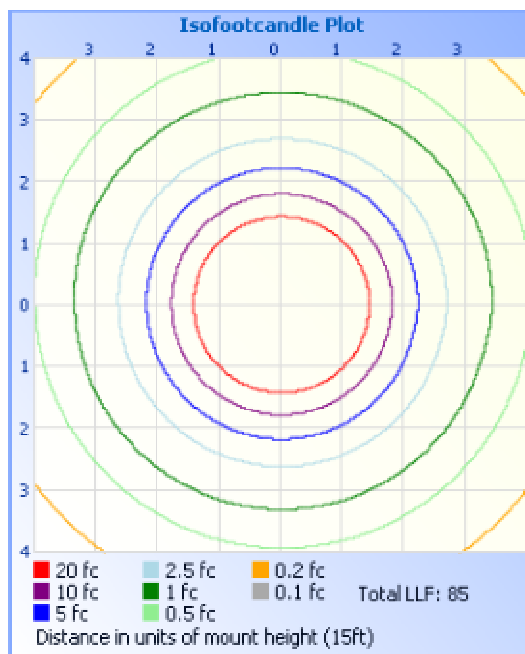
Zonal Lumen Summary

| Zone | Lumens | % Luminaire |
|--------|---------|-------------|
| 0-30 | 424.5 | 23.8% |
| 0-40 | 696.0 | 39% |
| 0-60 | 1,228.2 | 68.8% |
| 60-90 | 339.3 | 19% |
| 70-100 | 168.1 | 9.4% |
| 90-120 | 76.6 | 4.3% |
| 0-90 | 1,567.6 | 87.9% |
| 90-180 | 216.8 | 12.1% |
| 0-180 | 1,784.4 | 100% |



Lumens Per Zone

| Zone | Lumens | % Total | Zone | Lumens | % Total |
|-------|--------|---------|---------|--------|---------|
| 0-10 | 51.7 | 2.9% | 90-100 | 18.7 | 1% |
| 10-20 | 148.1 | 8.3% | 100-110 | 25.6 | 1.4% |
| 20-30 | 224.7 | 12.6% | 110-120 | 32.3 | 1.8% |
| 30-40 | 271.5 | 15.2% | 120-130 | 35.2 | 2% |
| 40-50 | 281.1 | 15.8% | 130-140 | 33.6 | 1.9% |
| 50-60 | 251.2 | 14.1% | 140-150 | 29.0 | 1.6% |
| 60-70 | 189.9 | 10.6% | 150-160 | 22.1 | 1.2% |
| 70-80 | 111.0 | 6.2% | 160-170 | 14.7 | 0.8% |
| 80-90 | 38.4 | 2.2% | 170-180 | 5.7 | 0.3% |



| | Center Beam fc | Beam Width | |
|--------|----------------|------------|---------|
| 2.5ft | 87.4 fc | 7.3 ft | 7.4 ft |
| 5.0ft | 21.8 fc | 14.6 ft | 14.8 ft |
| 7.5ft | 9.71 fc | 21.9 ft | 22.2 ft |
| 10.0ft | 5.46 fc | 29.2 ft | 29.6 ft |
| 12.5ft | 3.49 fc | 36.5 ft | 37.1 ft |
| 15.0ft | 2.43 fc | 43.7 ft | 44.5 ft |

■ Vert. Spread: 111.1°
■ Horiz. Spread: 112.0°