

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: FAIL-SAFE

Report Number: P205253

Luminaire Tested: **MRI-DRV-FLD6C-40-L940 F6LC-M-X-LI**

Issue Date: 08/03/2023



Test Information

Test Method: LM-79-08
Report Number: P205253
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P205108)
Test Lab: INNOVATION CENTER-P3
Issue Date: 08/03/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: MRI-DRV-FLD6C-40-L940 F6LC-M-X-LI
Description: 6 INCH FAIL-SAFE MRI REMOTE DRIVER LED DOWNLIGHT WITH 4000K, 90 CRI
LEDS, 6LBMLI TRIM
Light Source: -
Ballast/Driver: -

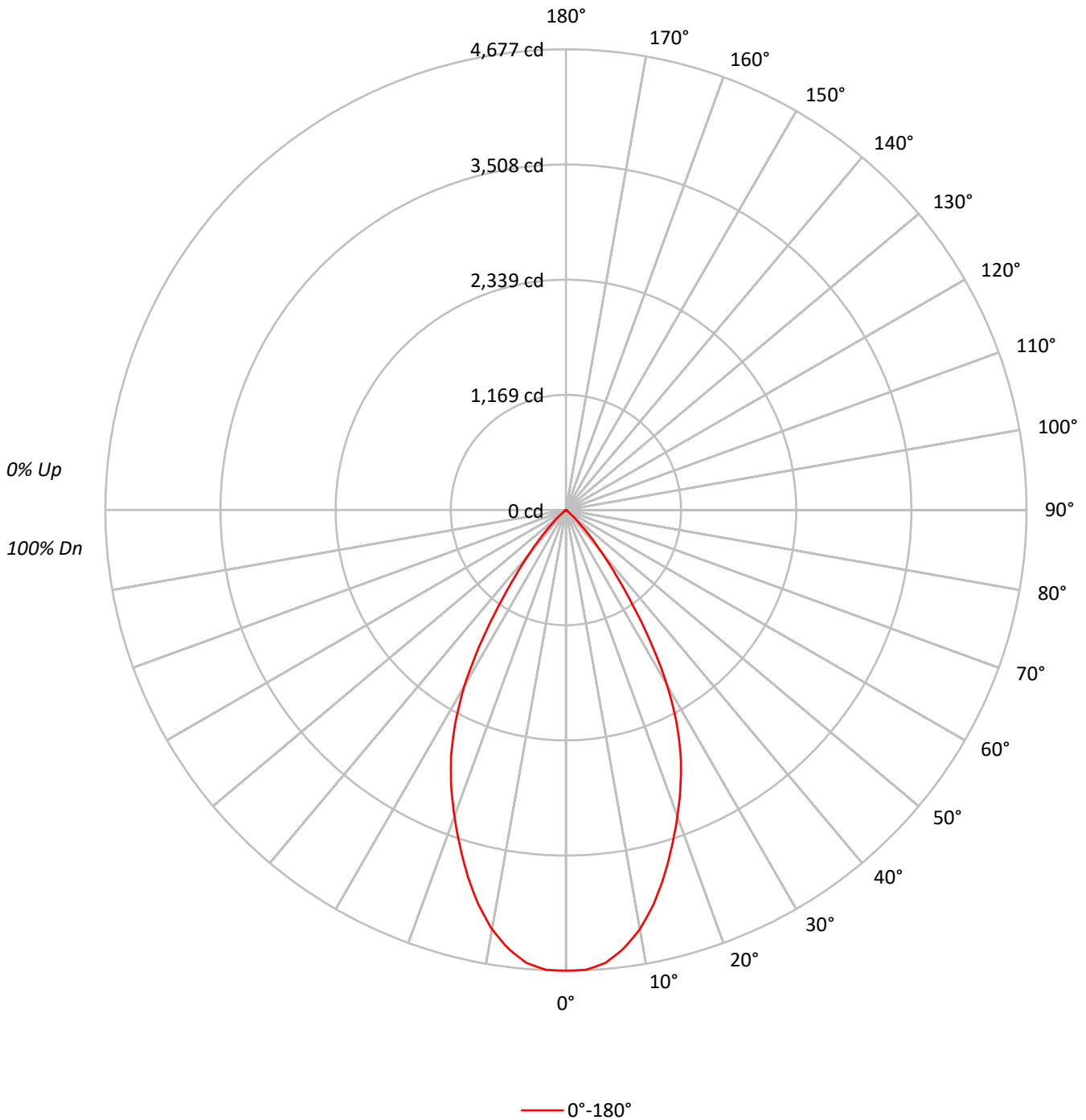
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3737.0 lumens
Efficiency: N/A
Efficacy: 79.5 lumens/watt
Spacing Criteria (0/90/45): 0.85 / 0.85 / 0.85
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 47
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Luminous Intensity Polar Plot





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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 430.8 | 11.5 |
| 10°-20° | 1072.6 | 28.7 |
| 20°-30° | 1246.8 | 33.4 |
| 30°-40° | 763.5 | 20.4 |
| 40°-50° | 189.6 | 5.1 |
| 50°-60° | 22.1 | 0.6 |
| 60°-70° | 8.3 | 0.2 |
| 70°-80° | 3.1 | 0.1 |
| 80°-90° | 0.0 | 0.0 |
| 90°-100° | 0.0 | 0.0 |
| 100°-110° | 0.0 | 0.0 |
| 110°-120° | 0.0 | 0.0 |
| 120°-130° | 0.0 | 0.0 |
| 130°-140° | 0.0 | 0.0 |
| 140°-150° | 0.0 | 0.0 |
| 150°-160° | 0.0 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-30° | 2750.3 | 73.6 |
| 0°-40° | 3513.8 | 94.0 |
| 0°-60° | 3725.5 | 99.7 |
| 0°-90° | 3737.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 3737.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|------|------|
| 0° | 4677 | |
| 5° | 4615 | 431 |
| 15° | 3849 | 1073 |
| 25° | 2759 | 1247 |
| 35° | 1196 | 764 |
| 45° | 210 | 190 |
| 55° | 19 | 22 |
| 65° | 10 | 8 |
| 75° | 5 | 3 |
| 85° | 0 | 0 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| 0° | |
|-------|--------|
| 0° | 4676.7 |
| 2.5° | 4671.9 |
| 5° | 4614.6 |
| 7.5° | 4490.2 |
| 10° | 4322.7 |
| 12.5° | 4102.8 |
| 15° | 3849.4 |
| 17.5° | 3576.8 |
| 20° | 3309.1 |
| 22.5° | 3041.2 |
| 25° | 2759.2 |
| 27.5° | 2434.0 |
| 30° | 2061.0 |
| 32.5° | 1625.8 |
| 35° | 1195.5 |
| 37.5° | 841.6 |
| 40° | 573.8 |
| 42.5° | 358.6 |
| 45° | 210.4 |
| 47.5° | 119.6 |
| 50° | 62.1 |
| 52.5° | 28.7 |
| 55° | 19.1 |
| 57.5° | 14.3 |
| 60° | 14.3 |
| 62.5° | 9.6 |
| 65° | 9.6 |
| 67.5° | 4.8 |
| 70° | 4.8 |
| 72.5° | 4.8 |
| 75° | 4.8 |
| 77.5° | 0.0 |
| 80° | 0.0 |
| 82.5° | 0.0 |
| 85° | 0.0 |
| 87.5° | 0.0 |
| 90° | 0.0 |

(END OF REPORT)