

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: P727030

Luminaire Tested: **MRI-DRV-FLD4C-20-L950 F4LC-M-X-H**

Issue Date: 08/03/2023



Test Information

Test Method: LM-79-08
Report Number: P727030
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P207151)
Test Lab: INNOVATION CENTER-P3
Issue Date: 08/03/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: MRI-DRV-FLD4C-20-L950 F4LC-M-X-H
Description: 4 INCH FAIL-SAFE MRI REMOTE DRIVER LED DOWNLIGHT WITH 5000K, 90 CRI
LEDS, 4LBMH TRIM
Light Source: -
Ballast/Driver: -

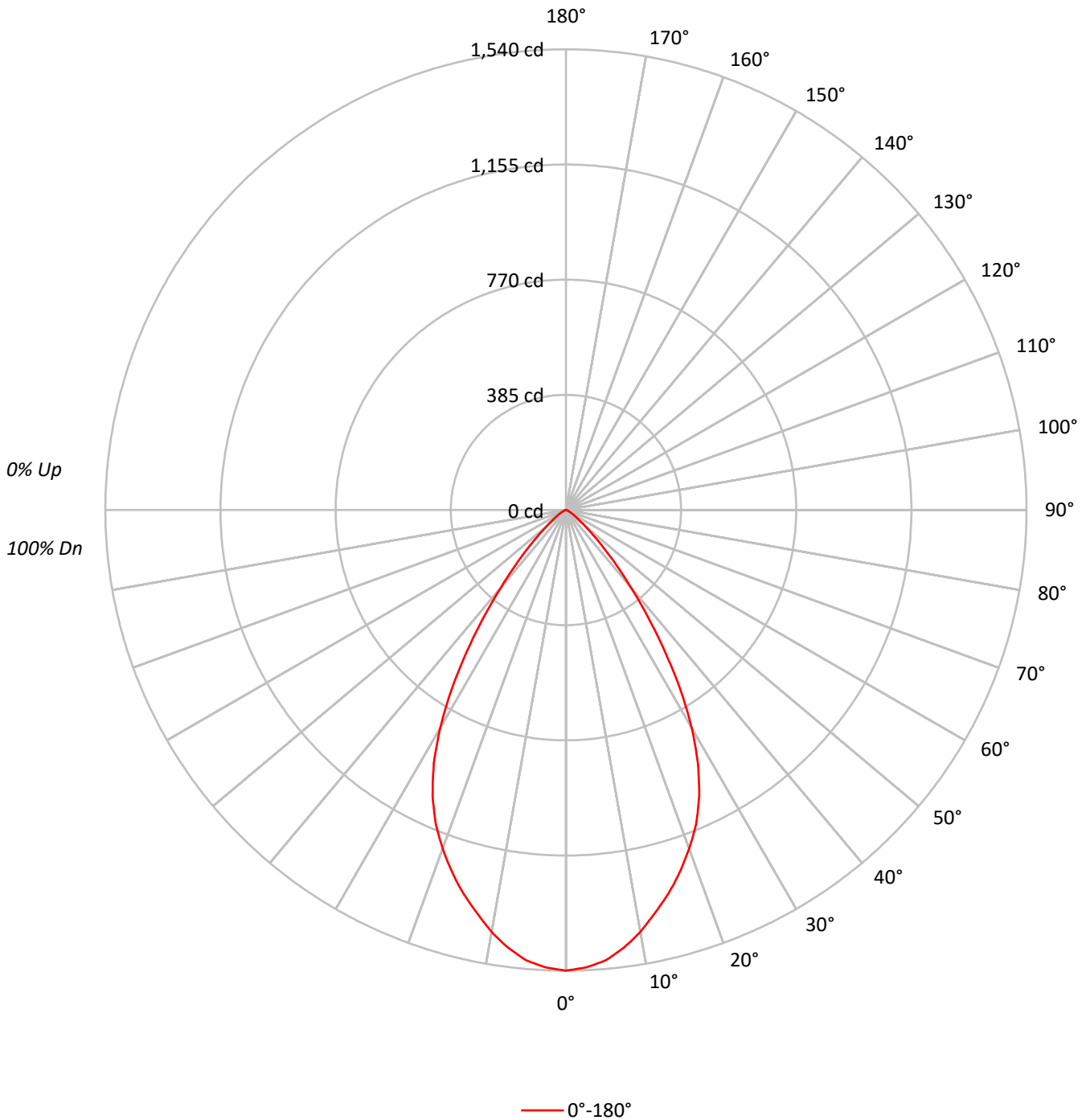
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1552.9 lumens
Efficiency: N/A
Efficacy: 71.2 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.95 / 0.93
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 21.8
Input Voltage (V): NR
Input Current (A_{in}): 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°	141.7	9.1
10°-20°	371.7	23.9
20°-30°	477.7	30.8
30°-40°	359.4	23.1
40°-50°	144.3	9.3
50°-60°	41.0	2.6
60°-70°	13.0	0.8
70°-80°	3.7	0.2
80°-90°	0.3	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°	991.2	63.8
0°-40°	1350.6	87.0
0°-60°	1536.0	98.9
0°-90°	1552.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1552.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1540	
5°	1512	142
15°	1327	372
25°	1055	478
35°	577	359
45°	178	144
55°	42	41
65°	12	13
75°	2	4
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1539.9
2.5°	1530.5
5°	1511.8
7.5°	1476.6
10°	1432.0
12.5°	1378.2
15°	1326.6
17.5°	1268.0
20°	1204.7
22.5°	1136.8
25°	1054.7
27.5°	956.3
30°	841.5
32.5°	712.5
35°	576.6
37.5°	450.0
40°	337.5
42.5°	248.4
45°	178.1
47.5°	121.9
50°	84.4
52.5°	58.6
55°	42.2
57.5°	30.5
60°	23.4
62.5°	16.4
65°	11.7
67.5°	9.4
70°	7.0
72.5°	4.7
75°	2.3
77.5°	2.3
80°	2.3
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)