

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: P726886

Luminaire Tested: **MRI-DRV-FLD4C-20-L927 F4LC-M-X-H**

Issue Date: 08/03/2023



**Test Information**

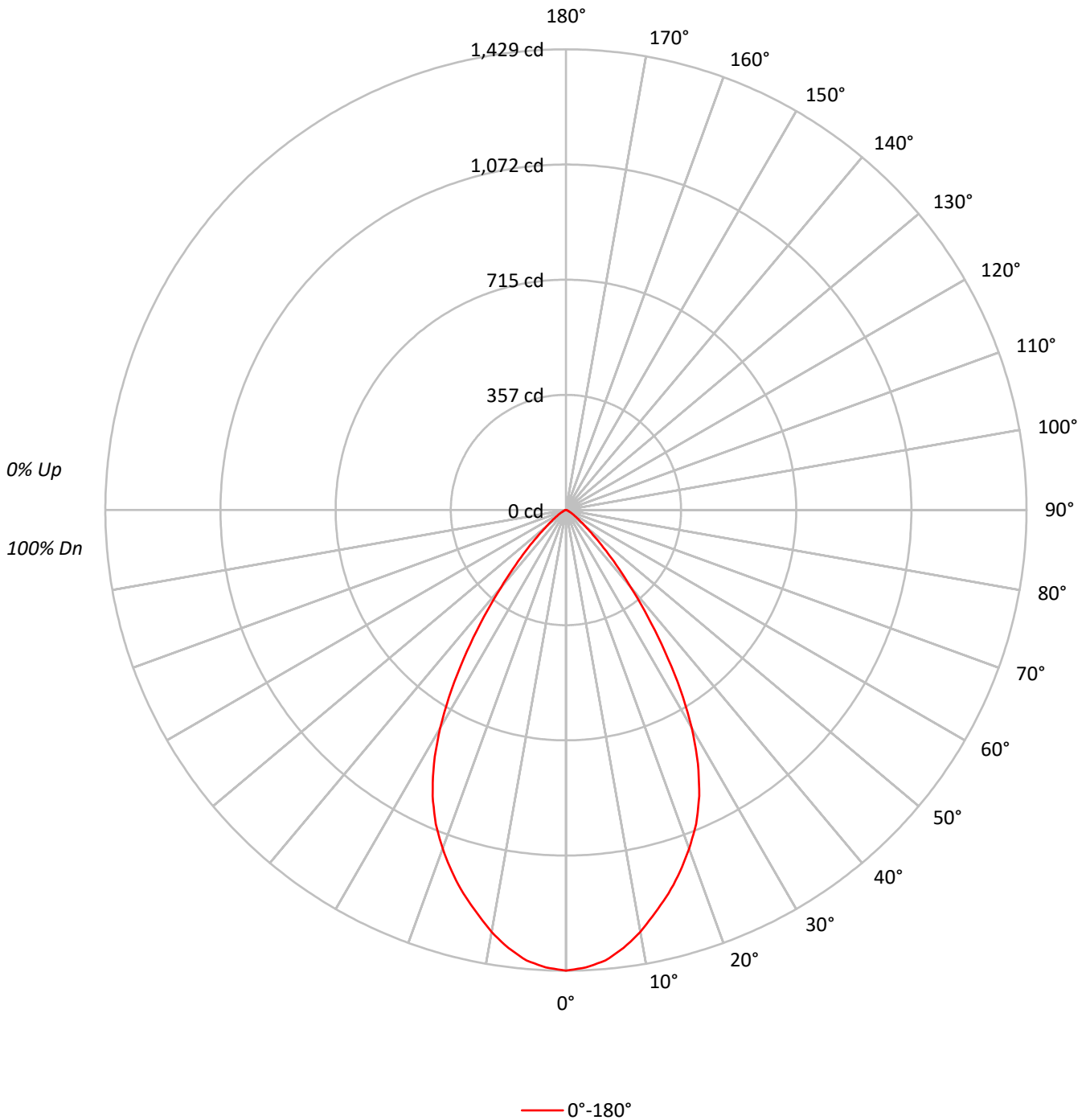
Test Method: LM-79-08  
Report Number: P726886  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P207151)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 08/03/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: FAIL-SAFE  
Catalog Number: MRI-DRV-FLD4C-20-L927 F4LC-M-X-H  
Description: 4 INCH FAIL-SAFE MRI REMOTE DRIVER LED DOWNLIGHT WITH 2700K, 90 CRI  
LEDS, 4LBMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1441.0 lumens  
Efficiency: N/A  
Efficacy: 66.1 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<sub>in</sub>): 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°	131.5	9.1
10°-20°	344.9	23.9
20°-30°	443.3	30.8
30°-40°	333.5	23.1
40°-50°	133.9	9.3
50°-60°	38.1	2.6
60°-70°	12.1	0.8
70°-80°	3.5	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°	919.7	63.8
0°-40°	1253.2	87.0
0°-60°	1425.2	98.9
0°-90°	1441.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1441.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1429	
5°	1403	131
15°	1231	345
25°	979	443
35°	535	334
45°	165	134
55°	39	38
65°	11	12
75°	2	3
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1428.8
2.5°	1420.1
5°	1402.7
7.5°	1370.1
10°	1328.8
12.5°	1278.8
15°	1231.0
17.5°	1176.6
20°	1117.8
22.5°	1054.8
25°	978.7
27.5°	887.3
30°	780.8
32.5°	661.1
35°	535.0
37.5°	417.5
40°	313.2
42.5°	230.5
45°	165.3
47.5°	113.1
50°	78.3
52.5°	54.4
55°	39.2
57.5°	28.3
60°	21.8
62.5°	15.2
65°	10.9
67.5°	8.7
70°	6.5
72.5°	4.4
75°	2.2
77.5°	2.2
80°	2.2
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)