

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: P203793

Luminaire Tested: **MRI-DRV-FLD6C-15-L940 F6LC-W-X-LI**

Issue Date: 08/03/2023



**Test Information**

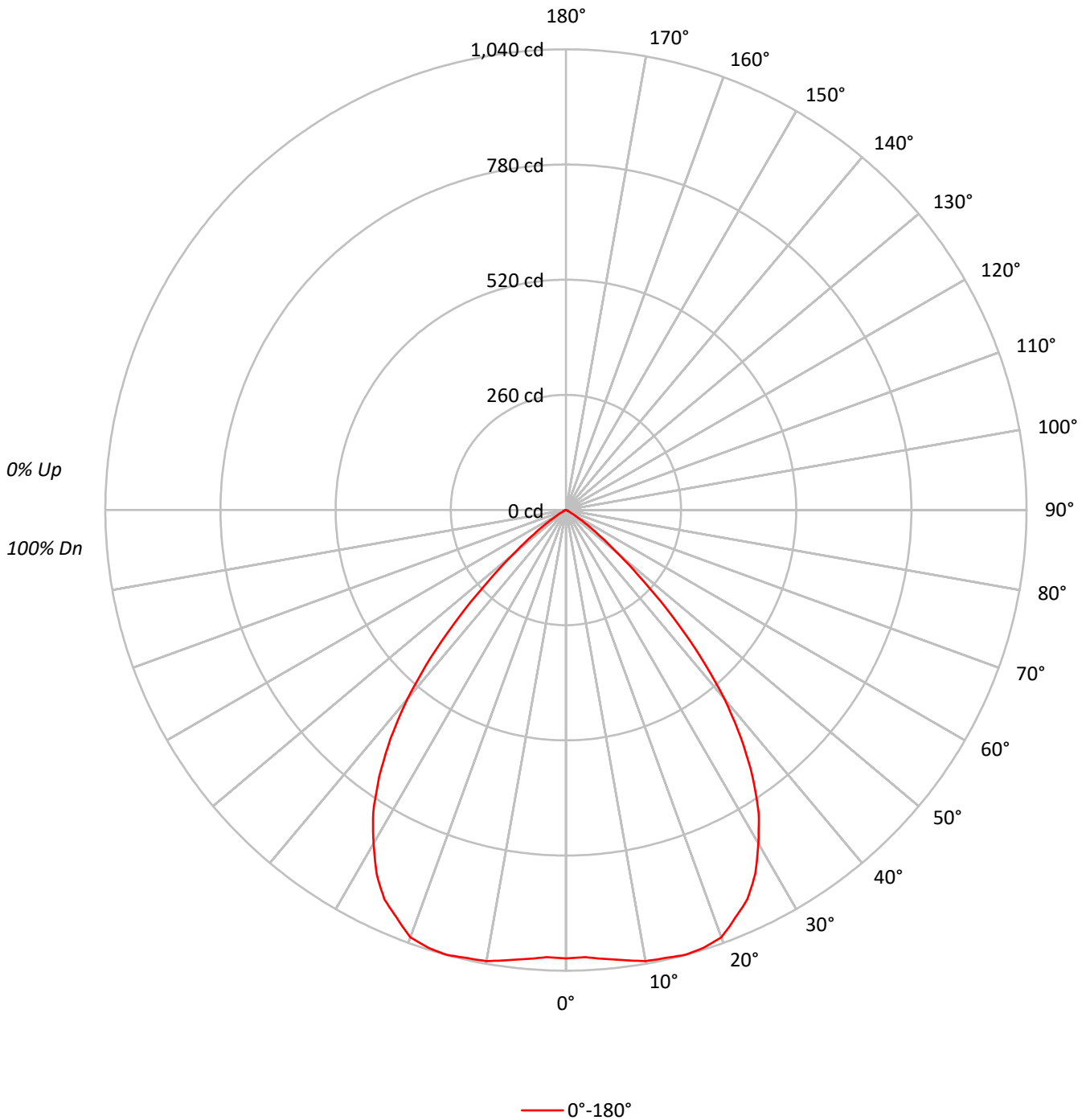
Test Method: LM-79-08  
Report Number: P203793  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P205209)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 08/03/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: FAIL-SAFE  
Catalog Number: MRI-DRV-FLD6C-15-L940 F6LC-W-X-LI  
Description: 6 INCH FAIL-SAFE MRI REMOTE DRIVER LED DOWNLIGHT WITH 4000K, 90 CRI  
LEDS, 6LBWLI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1619.9 lumens  
Efficiency: N/A  
Efficacy: 102.5 lumens/watt  
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.18  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 15.8  
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°	97.6	6.0
10°-20°	293.5	18.1
20°-30°	442.4	27.3
30°-40°	452.8	28.0
40°-50°	263.8	16.3
50°-60°	60.6	3.7
60°-70°	7.5	0.5
70°-80°	1.9	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°	833.4	51.4
0°-40°	1286.2	79.4
0°-60°	1610.6	99.4
0°-90°	1619.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1619.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1012	
5°	1018	98
15°	1040	293
25°	970	442
35°	735	453
45°	340	264
55°	59	61
65°	6	7
75°	2	2
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1012.1
2.5°	1010.2
5°	1017.5
7.5°	1024.9
10°	1034.1
12.5°	1035.9
15°	1039.6
17.5°	1035.9
20°	1026.7
22.5°	997.3
25°	969.8
27.5°	925.7
30°	868.8
32.5°	810.0
35°	734.7
37.5°	650.2
40°	556.5
42.5°	451.8
45°	339.8
47.5°	236.9
50°	156.1
52.5°	99.2
55°	58.8
57.5°	31.2
60°	16.5
62.5°	9.2
65°	5.5
67.5°	5.5
70°	3.7
72.5°	1.8
75°	1.8
77.5°	1.8
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)