

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: P204033

Luminaire Tested: **MRI-DRV-FLD6C-20-L935 F6LC-W-X-LI**

Issue Date: 08/03/2023



Test Information

Test Method: LM-79-08
Report Number: P204033
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-20-L935 F6LC-W-X-LI
Description: 6 INCH FAIL-SAFE MRI REMOTE DRIVER LED DOWNLIGHT WITH 3500K, 90 CRI
LEDS, 6LBWLI TRIM
Light Source: -
Ballast/Driver: -

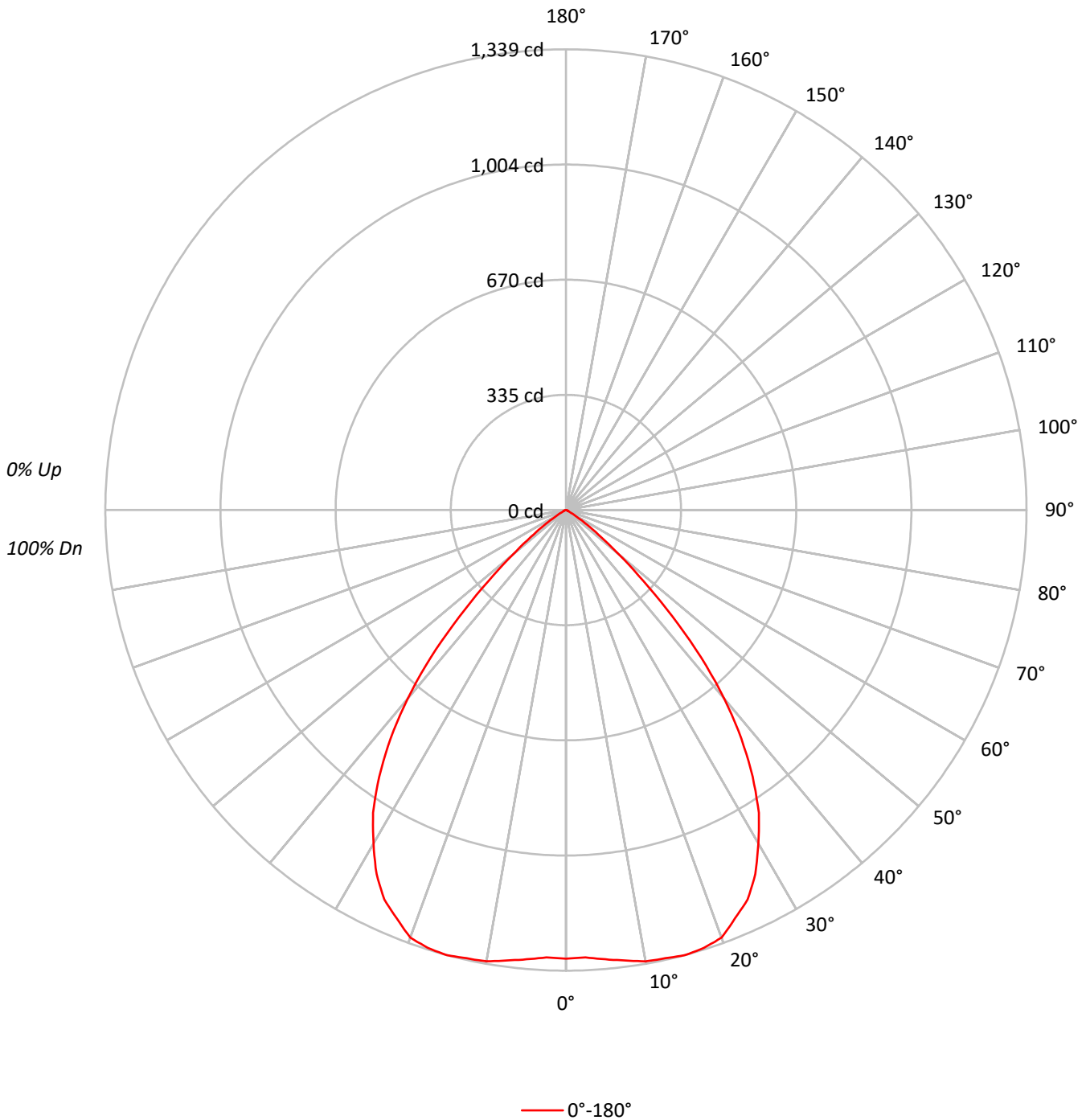
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2087.0 lumens
Efficiency: N/A
Efficacy: 95.7 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): 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°	125.8	6.0
10°-20°	378.0	18.1
20°-30°	569.9	27.3
30°-40°	583.3	27.9
40°-50°	339.8	16.3
50°-60°	78.1	3.7
60°-70°	9.6	0.5
70°-80°	2.5	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°	1073.7	51.4
0°-40°	1657.0	79.4
0°-60°	2074.9	99.4
0°-90°	2087.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2087.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1304	
5°	1311	126
15°	1339	378
25°	1249	570
35°	946	583
45°	438	340
55°	76	78
65°	7	10
75°	2	3
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1303.8
2.5°	1301.4
5°	1310.9
7.5°	1320.3
10°	1332.1
12.5°	1334.5
15°	1339.3
17.5°	1334.5
20°	1322.7
22.5°	1284.8
25°	1249.3
27.5°	1192.6
30°	1119.2
32.5°	1043.5
35°	946.5
37.5°	837.6
40°	717.0
42.5°	582.1
45°	437.8
47.5°	305.2
50°	201.1
52.5°	127.8
55°	75.7
57.5°	40.2
60°	21.3
62.5°	11.8
65°	7.1
67.5°	7.1
70°	4.8
72.5°	2.4
75°	2.4
77.5°	2.4
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)