

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: P204833

Luminaire Tested: **MRI-DRV-FLD6C-35-L930 F6LC-M-X-LI**

Issue Date: 08/03/2023



Test Information

Test Method: LM-79-08
Report Number: P204833
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-35-L930 F6LC-M-X-LI
Description: 6 INCH FAIL-SAFE MRI REMOTE DRIVER LED DOWNLIGHT WITH 3000K, 90 CRI
LEDS, 6LBMLI TRIM
Light Source: -
Ballast/Driver: -

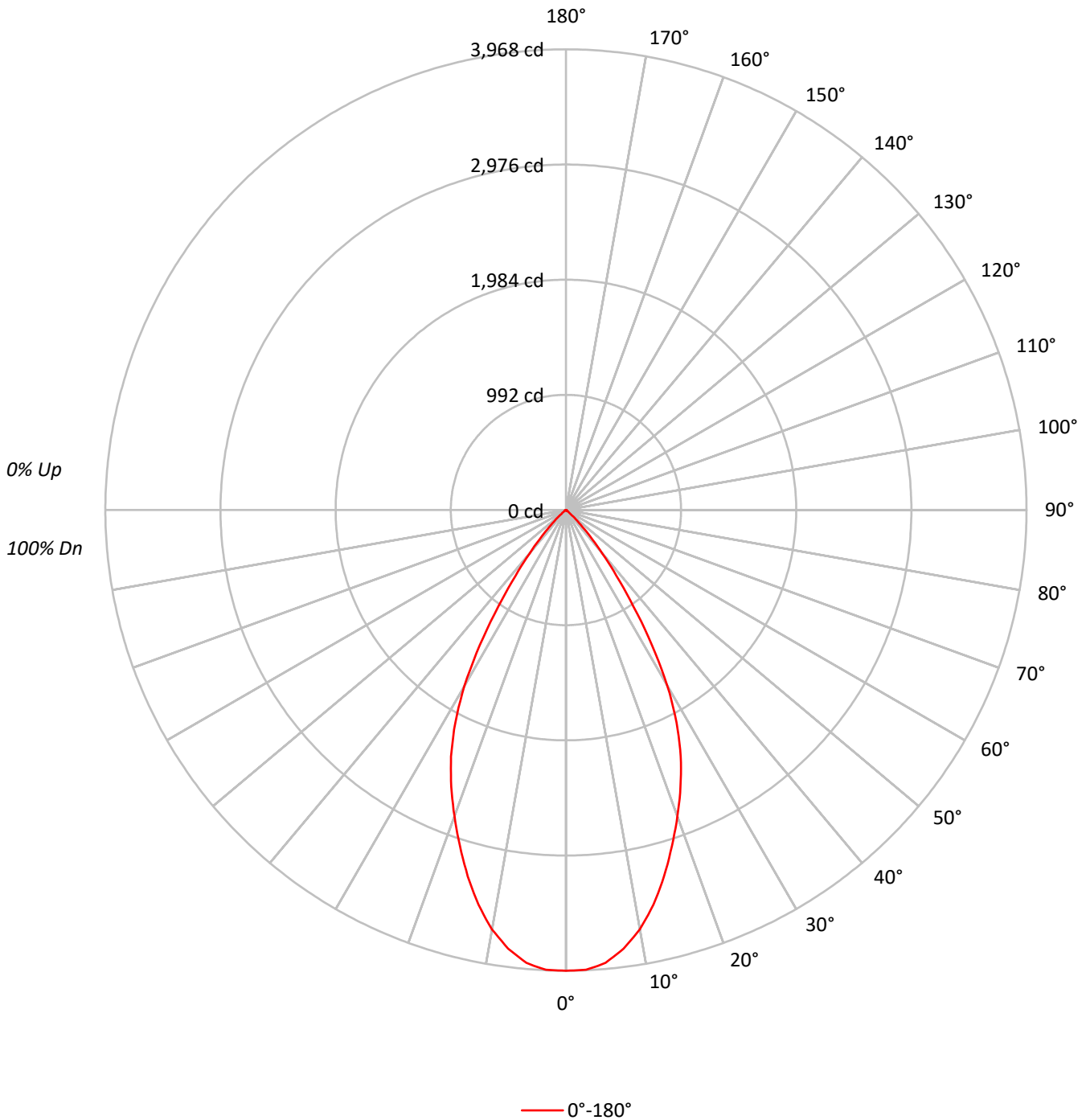
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3171.0 lumens
Efficiency: N/A
Efficacy: 78.5 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): 40.4
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°	365.6	11.5
10°-20°	910.1	28.7
20°-30°	1058.0	33.4
30°-40°	647.9	20.4
40°-50°	160.9	5.1
50°-60°	18.8	0.6
60°-70°	7.0	0.2
70°-80°	2.7	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°	2333.7	73.6
0°-40°	2981.6	94.0
0°-60°	3161.3	99.7
0°-90°	3171.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3171.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3968	
5°	3916	366
15°	3266	910
25°	2341	1058
35°	1014	648
45°	179	161
55°	16	19
65°	8	7
75°	4	3
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	3968.4
2.5°	3964.3
5°	3915.6
7.5°	3810.1
10°	3668.0
12.5°	3481.4
15°	3266.4
17.5°	3035.1
20°	2807.9
22.5°	2580.6
25°	2341.3
27.5°	2065.4
30°	1748.8
32.5°	1379.6
35°	1014.4
37.5°	714.1
40°	486.9
42.5°	304.3
45°	178.6
47.5°	101.5
50°	52.7
52.5°	24.4
55°	16.2
57.5°	12.1
60°	12.1
62.5°	8.2
65°	8.2
67.5°	4.1
70°	4.1
72.5°	4.1
75°	4.1
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)