

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: P205293

Luminaire Tested: **MRI-DRV-FLD6C-40-L940 F6LC-W-X-LI**

Issue Date: 08/03/2023



Test Information

Test Method: LM-79-08
Report Number: P205293
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-40-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: -

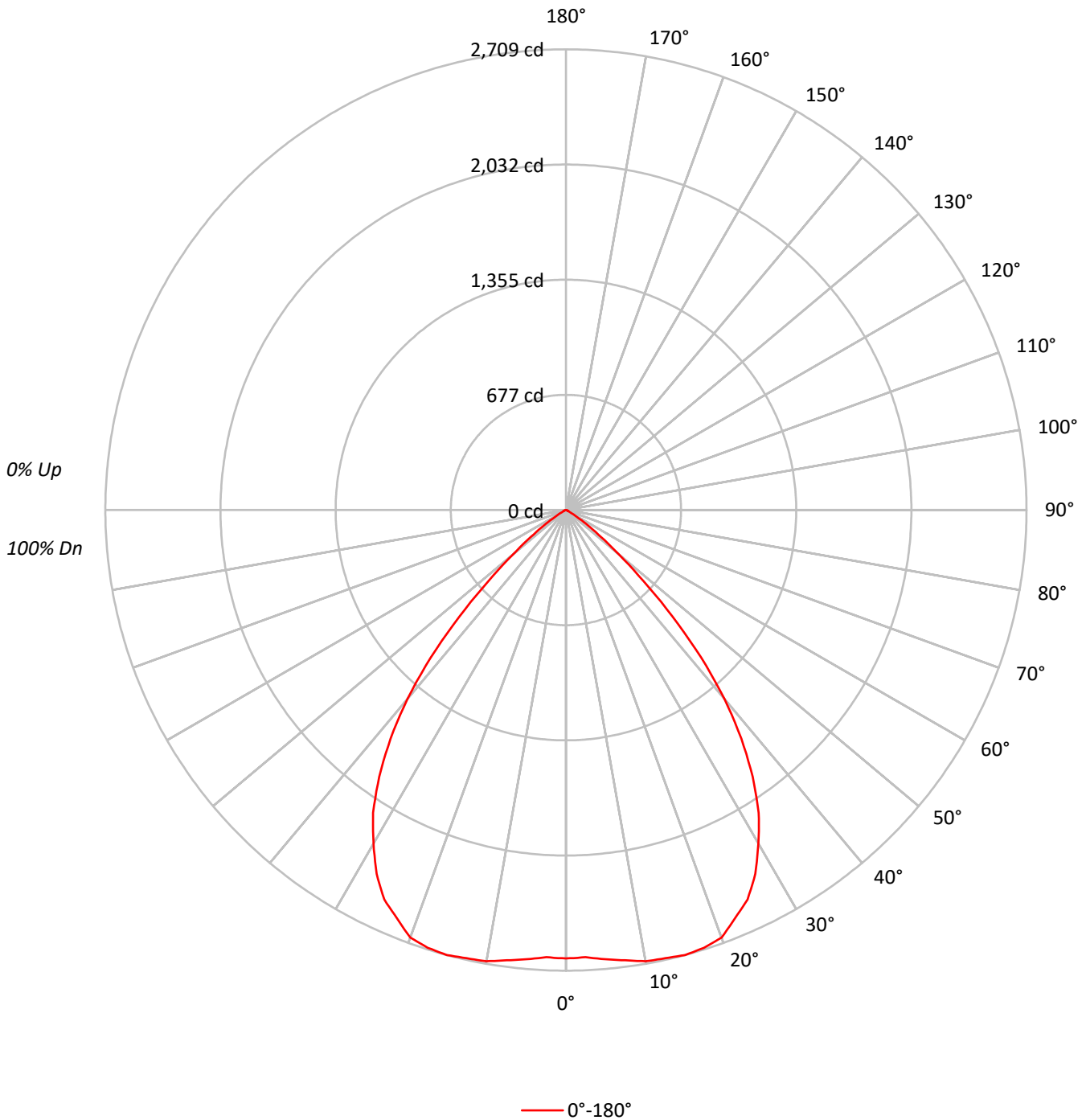
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4221.0 lumens
Efficiency: N/A
Efficacy: 89.8 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): 47
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

TEST NUMBER: P205293
CATALOG NUMBER: MRI-DRV-FLD6C-40-L940 F6LC-W-X-LI

Luminous Intensity Polar Plot





TEST NUMBER: P205293
 CATALOG NUMBER: MRI-DRV-FLD6C-40-L940 F6LC-W-X-LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	254.4	6.0
10°-20°	764.6	18.1
20°-30°	1152.6	27.3
30°-40°	1179.7	27.9
40°-50°	687.3	16.3
50°-60°	157.9	3.7
60°-70°	19.4	0.5
70°-80°	5.1	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°	2171.6	51.4
0°-40°	3351.3	79.4
0°-60°	4196.5	99.4
0°-90°	4221.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4221.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2637	
5°	2651	254
15°	2709	765
25°	2527	1153
35°	1914	1180
45°	885	687
55°	153	158
65°	14	19
75°	5	5
85°	0	0
90°	0	



TEST NUMBER: P205293
CATALOG NUMBER: MRI-DRV-FLD6C-40-L940 F6LC-W-X-LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	2637.0
2.5°	2632.1
5°	2651.3
7.5°	2670.4
10°	2694.3
12.5°	2699.1
15°	2708.7
17.5°	2699.1
20°	2675.2
22.5°	2598.6
25°	2526.8
27.5°	2412.0
30°	2263.7
32.5°	2110.5
35°	1914.4
37.5°	1694.1
40°	1450.0
42.5°	1177.3
45°	885.4
47.5°	617.3
50°	406.8
52.5°	258.5
55°	153.2
57.5°	81.4
60°	43.0
62.5°	23.9
65°	14.3
67.5°	14.3
70°	9.6
72.5°	4.8
75°	4.8
77.5°	4.8
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)