

Scaled data based on original data using

LM-41-14 Approved Method for Photometric Testing Of Indoor Fluorescent Luminaires

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: io LED

Report Number: P#

Luminaire Tested: **LSRWM2B10FL408040D010 2LBD*LI**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P#
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29152)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: io LED
Catalog Number: LSRWM2B10FL408040D010 2LBD*LI
Description: 1000 Lumen, 2inch Portfolio LED Cylinder
FLOOD OPTIC
SPUN ROUND TRIM WITH LI FINISH
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1083.4 lumens
Efficiency: N/A
Efficacy: 105.2 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.58
Luminous Opening: Rectangular (W 0.17' x L: 0.17' x H: 0')
CIE Type: Direct

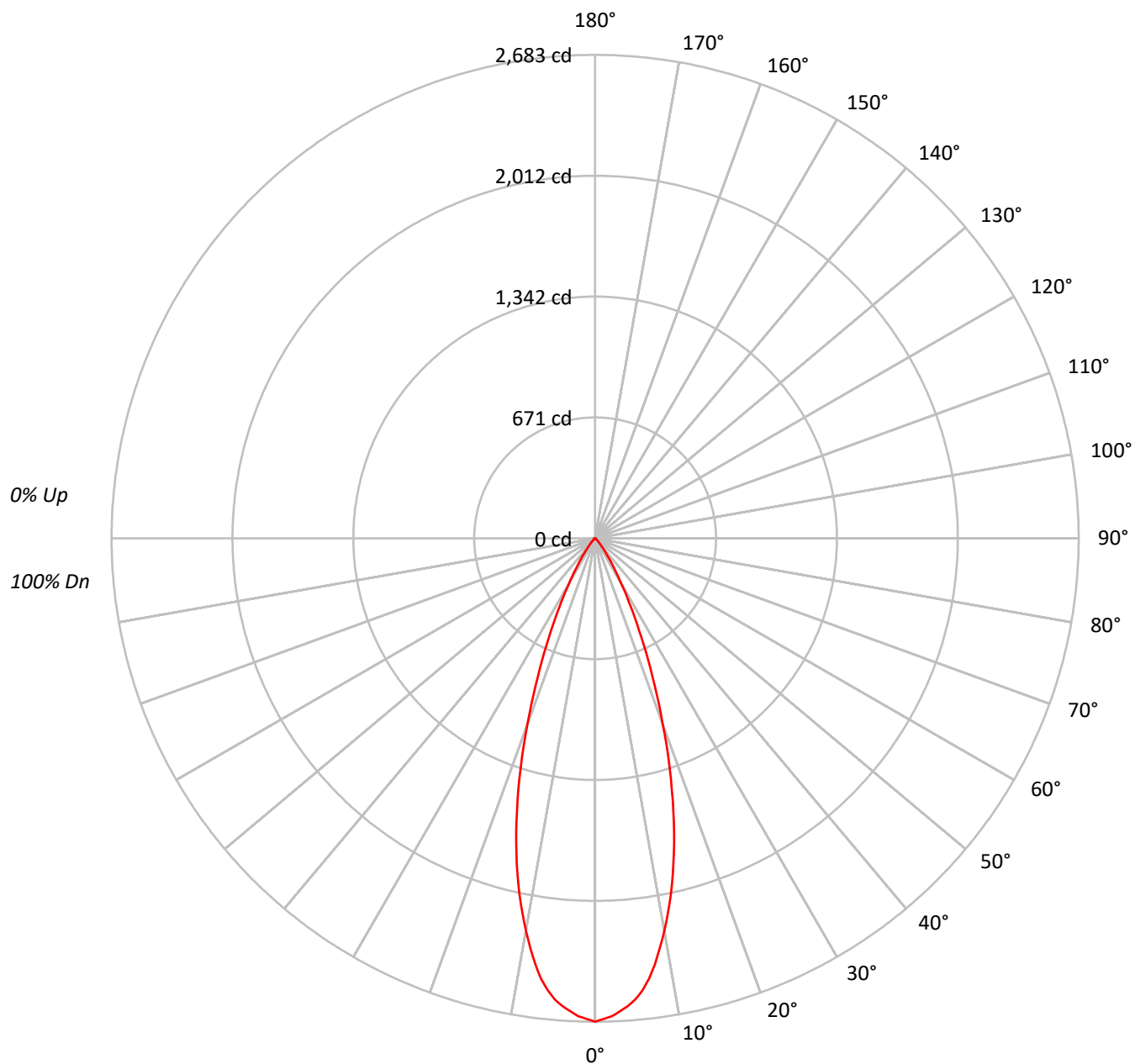
Input Watts (W): 10.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P#

CATALOG NUMBER: LSRWM2B10FL408040D010 2LBD*LI

Luminous Intensity Polar Plot



TEST NUMBER: P#

CATALOG NUMBER: LSRWM2B10FL408040D010 2LBD*LI

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1039249
5°	998699
10°	869398
15°	678870
20°	451488
25°	258528
30°	128545
35°	59060
40°	23715
45°	10846
50°	5002
55°	2836
60°	1627
65°	0
70°	0
75°	0
80°	0
85°	0



TEST NUMBER: P#

CATALOG NUMBER: LSRWM2B10FL408040D010 2LBD*LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	233.8	21.6
10°-20°	459.1	42.4
20°-30°	284.1	26.2
30°-40°	85.0	7.8
40°-50°	17.0	1.6
50°-60°	4.1	0.4
60°-70°	0.3	0.0
70°-80°	0.0	0.0
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°	976.9	90.2
0°-40°	1062.0	98.0
0°-60°	1083.2	100.0
0°-90°	1083.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1083.4	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2683	
5°	2568	234
15°	1693	459
25°	605	284
35°	125	85
45°	20	17
55°	4	4
65°	0	0
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P#

CATALOG NUMBER: LSRWM2B10FL408040D010 2LBD*LI

CANDELA DISTRIBUTION (FULL):

	0°
0°	2683.0
1°	2668.5
2°	2654.9
3°	2627.8
4°	2602.9
5°	2568.5
6°	2521.7
7°	2462.3
8°	2386.3
9°	2299.9
10°	2210.4
11°	2117.7
12°	2018.8
13°	1915.7
14°	1805.3
15°	1692.9
17.5°	1396.2
20°	1095.3
22.5°	828.8
25°	604.9
27.5°	424.8
30°	287.4
32.5°	189.5
35°	124.9
37.5°	78.1
40°	46.9
42.5°	30.2
45°	19.8
47.5°	12.5
50°	8.3
52.5°	6.2
55°	4.2
57.5°	3.1
60°	2.1
62.5°	0.0
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0



TEST NUMBER: P#

CATALOG NUMBER: LSRWM2B10FL408040D010 2LBD*LI

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0



Report Generated By E9808895 / USPTCWHP6082093





— 0°-180°







85°	0.0
87.5°	0.0



(END OF REPORT)