

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: P203889

Luminaire Tested: **LSR6B40D010BZ EC6B30509050 6LBNGPH1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P203889
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P35319)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: io LED
Catalog Number: LSR6B40D010BZ EC6B30509050 6LBNGPH1
Description: PORTFOLIO 6IN CYLINDER
NARROW DISTRIBUTION WITH GRAPHITE HAZE TRIM
WATTAGE D010TR-43.02 W DE010-42.54 W D5LT-42.539 W DMX-41.87 W DL2-41.57
W DL3-44.71 W DLE-39.33 W
Light Source: HIGH LUMEN LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1831.2 lumens
Efficiency: N/A
Efficacy: 43.8 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.88
Luminous Opening: Point Source (0' x 0' x 0')
CIE Type: Direct

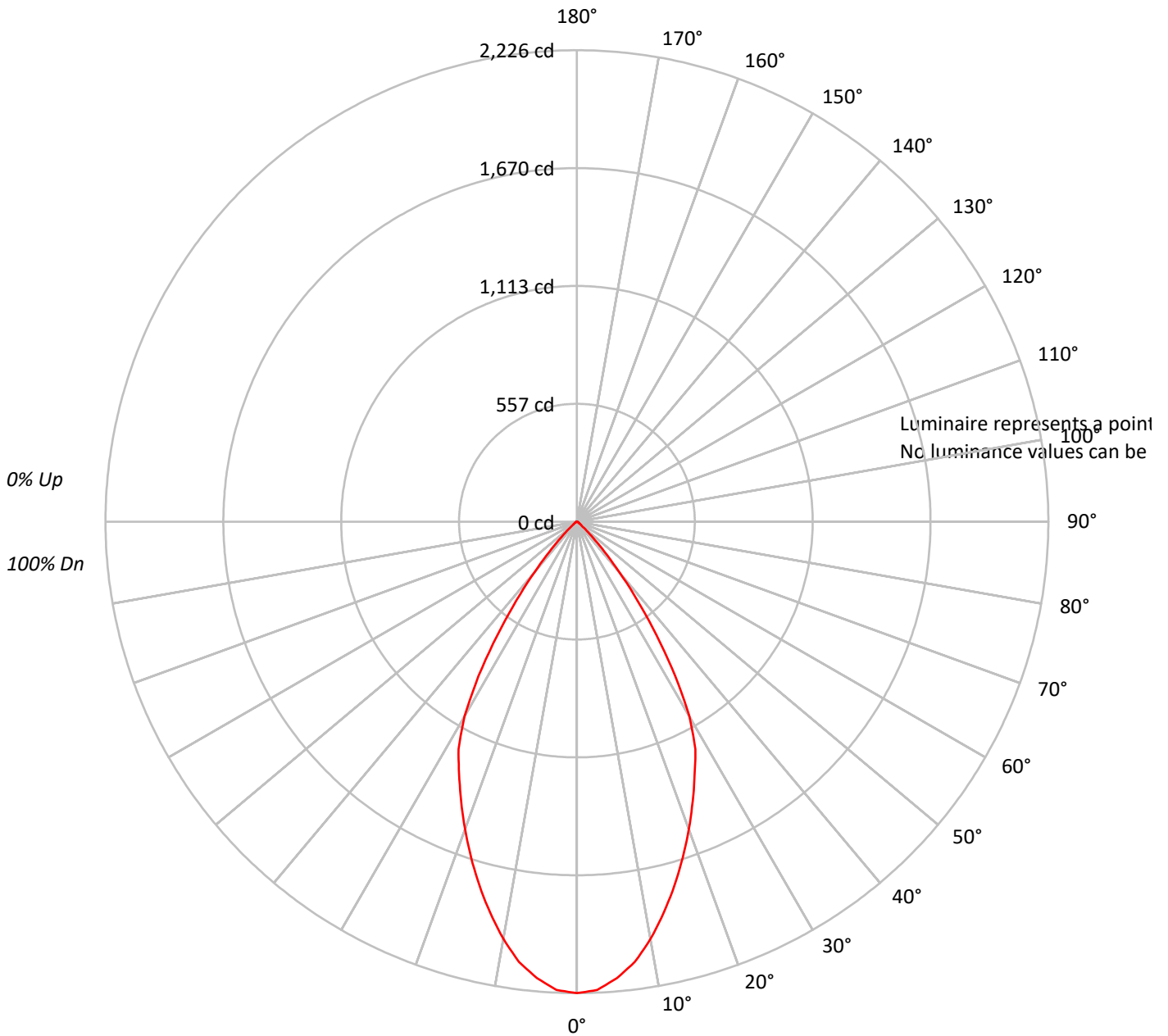
Input Watts (W): 41.8
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Luminous Intensity Polar Plot





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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	201.5	11.0
10°-20°	497.0	27.1
20°-30°	602.1	32.9
30°-40°	410.3	22.4
40°-50°	97.7	5.3
50°-60°	15.3	0.8
60°-70°	5.7	0.3
70°-80°	1.6	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°	1300.6	71.0
0°-40°	1710.9	93.4
0°-60°	1823.9	99.6
0°-90°	1831.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1831.2	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2226	
5°	2163	201
15°	1779	497
25°	1316	602
35°	656	410
45°	104	98
55°	17	15
65°	4	6
75°	0	2
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	2225.9
2.5°	2213.3
5°	2163.2
7.5°	2096.4
10°	2000.4
12.5°	1891.8
15°	1779.0
17.5°	1662.1
20°	1545.2
22.5°	1428.2
25°	1315.5
27.5°	1211.1
30°	1060.7
32.5°	864.5
35°	655.6
37.5°	467.7
40°	309.0
42.5°	192.1
45°	104.4
47.5°	54.3
50°	29.2
52.5°	20.9
55°	16.7
57.5°	12.5
60°	8.4
62.5°	8.4
65°	4.2
67.5°	4.2
70°	4.2
72.5°	4.2
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)