

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: P203920

Luminaire Tested: **LD6B70D010TE EU6B60708035 6LBNGPH1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P203920
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: LD6B70D010TE EU6B60708035 6LBNGPH1
Description: PORTFOLIO 6 INCH 50 DEGREE CUTOFF RECESSED DOWNLIGHT
NARROW DISTRIBUTION WITH GRAPHITE HAZE TRIM
SINGLE DRIVER D010TE
Light Source: HIGH LUMEN LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3656.2 lumens
Efficiency: N/A
Efficacy: 46.0 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

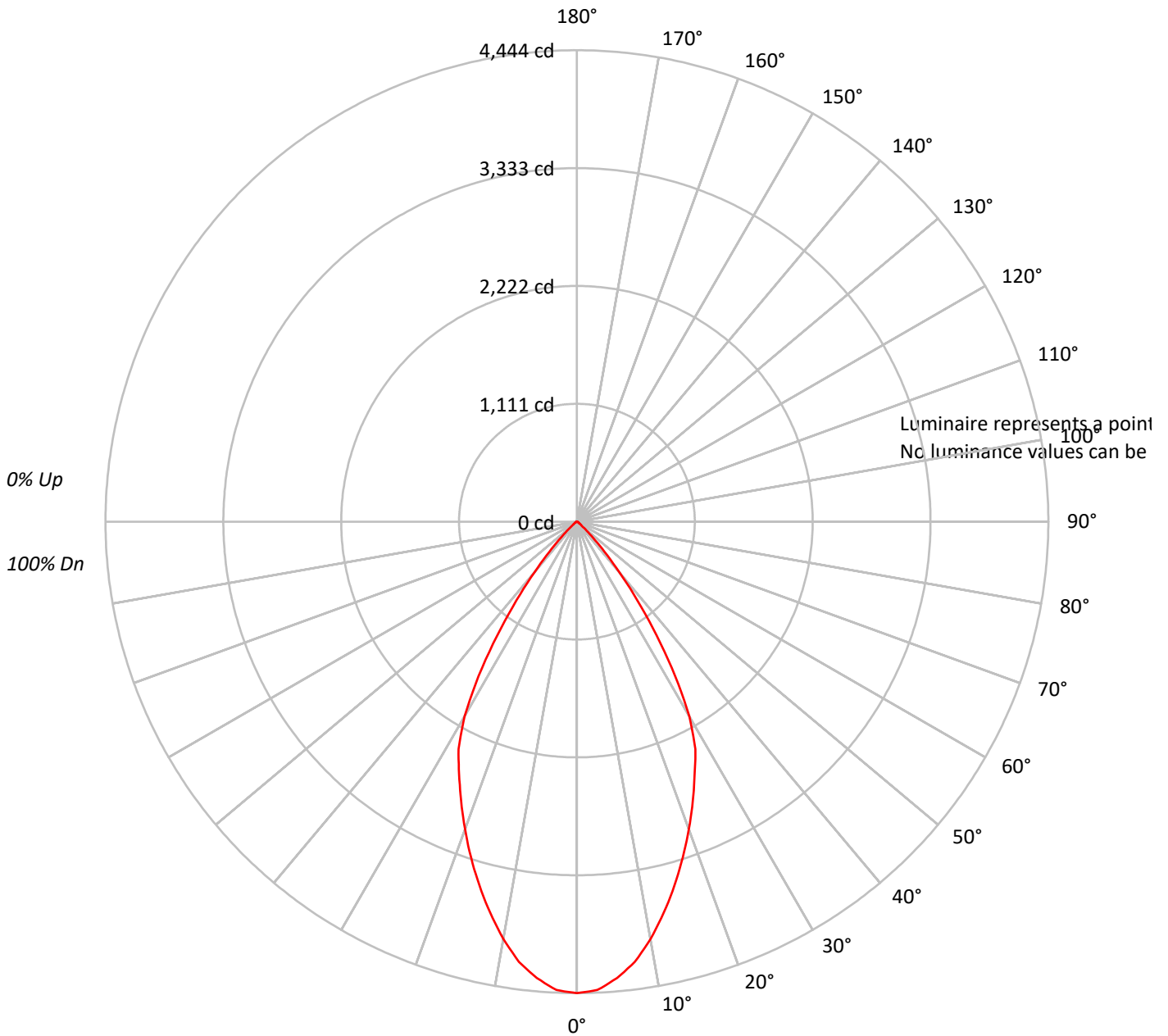
Input Watts (W): 79.45
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Luminous Intensity Polar Plot





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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	402.3	11.0
10°-20°	992.2	27.1
20°-30°	1202.2	32.9
30°-40°	819.3	22.4
40°-50°	195.1	5.3
50°-60°	30.5	0.8
60°-70°	11.3	0.3
70°-80°	3.2	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°	2596.7	71.0
0°-40°	3416.0	93.4
0°-60°	3641.7	99.6
0°-90°	3656.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3656.2	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4444	
5°	4319	402
15°	3552	992
25°	2626	1202
35°	1309	819
45°	208	195
55°	33	31
65°	8	11
75°	0	3
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	4444.2
2.5°	4419.2
5°	4319.1
7.5°	4185.7
10°	3993.9
12.5°	3777.2
15°	3552.0
17.5°	3318.6
20°	3085.1
22.5°	2851.6
25°	2626.5
27.5°	2418.0
30°	2117.9
32.5°	1726.0
35°	1309.1
37.5°	933.9
40°	617.0
42.5°	383.6
45°	208.5
47.5°	108.4
50°	58.4
52.5°	41.7
55°	33.4
57.5°	25.0
60°	16.7
62.5°	16.7
65°	8.3
67.5°	8.3
70°	8.3
72.5°	8.3
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)