

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: P204328

Luminaire Tested: **LD6B60D010TE EU6B60709727 6LBSWH1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P204328
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: LD6B60D010TE EU6B60709727 6LBSWH1
Description: PORTFOLIO 6 INCH SHALLOW RECESSED DOWNLIGHT
SHALLOW DISTRIBUTION WITH WHEAT TRIM
SINGLE DRIVER D010TE
Light Source: HIGH LUMEN LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4466.9 lumens
Efficiency: N/A
Efficacy: 71.5 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1.08
Luminous Opening: Point Source (0' x 0' x 0')
CIE Type: Direct

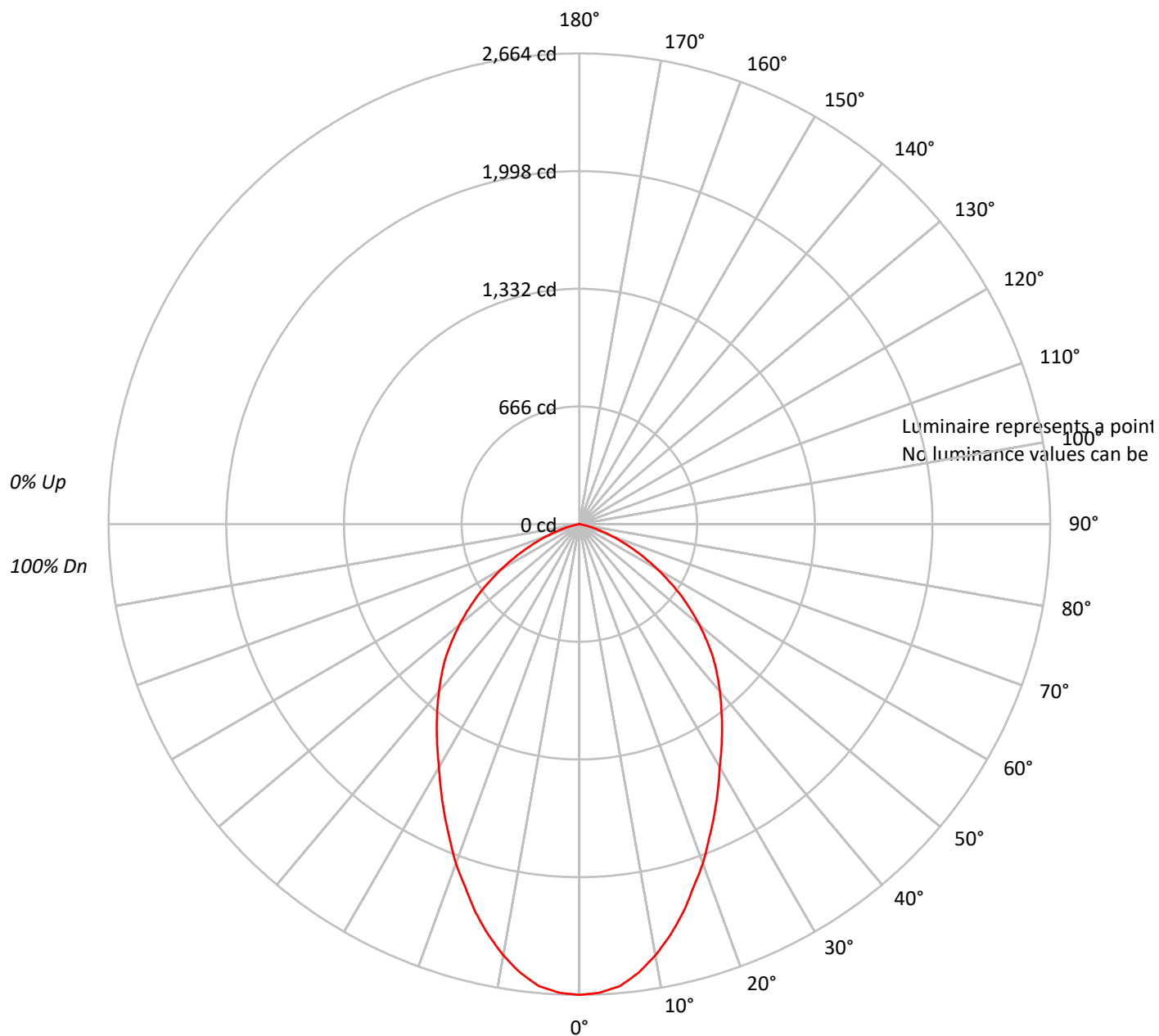
Input Watts (W): 62.48
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	111	107	104	101	108	105	102	99	101	98	96		97	95	93		94
2	103	96	90	85	100	94	89	84	91	86	83		87	84	81		85
3	95	86	79	73	93	84	78	73	82	76	72		79	74	70		76
4	88	77	70	64	86	76	69	63	74	68	63		72	66	62		69
5	81	70	62	56	79	69	62	56	67	60	55		65	59	55		63
6	76	64	56	50	74	63	55	50	61	54	49		60	54	49		58
7	71	58	51	45	69	58	50	45	56	49	45		55	49	44		54
8	66	54	46	41	65	53	46	41	52	45	40		51	45	40		50
9	62	50	42	37	61	49	42	37	48	41	37		47	41	37		46
10	58	46	39	34	57	46	39	34	45	38	34		44	38	34		43

AVERAGE LUMINANCE (cd/sqm):





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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	245.7	5.5
10°-20°	636.0	14.2
20°-30°	831.9	18.6
30°-40°	880.8	19.7
40°-50°	821.5	18.4
50°-60°	622.2	13.9
60°-70°	337.0	7.5
70°-80°	90.4	2.0
80°-90°	1.3	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°	1713.5	38.4
0°-40°	2594.3	58.1
0°-60°	4038.1	90.4
0°-90°	4466.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4466.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2664	
5°	2625	246
15°	2273	636
25°	1809	832
35°	1408	881
45°	1070	822
55°	699	622
65°	337	337
75°	78	90
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	2664.0
2.5°	2654.2
5°	2624.9
7.5°	2561.3
10°	2478.2
12.5°	2380.5
15°	2272.9
17.5°	2150.7
20°	2043.2
22.5°	1921.0
25°	1808.6
27.5°	1696.2
30°	1588.6
32.5°	1495.7
35°	1407.8
37.5°	1319.8
40°	1236.7
42.5°	1153.6
45°	1070.5
47.5°	977.6
50°	884.7
52.5°	791.9
55°	699.0
57.5°	601.2
60°	508.4
62.5°	420.4
65°	337.3
67.5°	259.1
70°	190.6
72.5°	132.0
75°	78.2
77.5°	34.2
80°	9.8
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)