

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: P202985

Luminaire Tested: **LD6B60D010TE EU6B60709030 6LBWGPH1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P202985
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 EU6B60709030 6LBWGPH1
Description: PORTFOLIO 6 INCH 60 DEGREE CUTOFF RECESSED DOWNLIGHT
WIDE DISTRIBUTIONWITH GRAPHITE HAZE TRIM
SINGLE DRIVER D010TE
Light Source: HIGH LUMEN LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3394.9 lumens
Efficiency: N/A
Efficacy: 54.3 lumens/watt
Spacing Criteria (0/90/45): 1.11 / 1.11 / 1.11
Luminous Opening: Point Source (0' x 0' x 0')
CIE Type: Direct

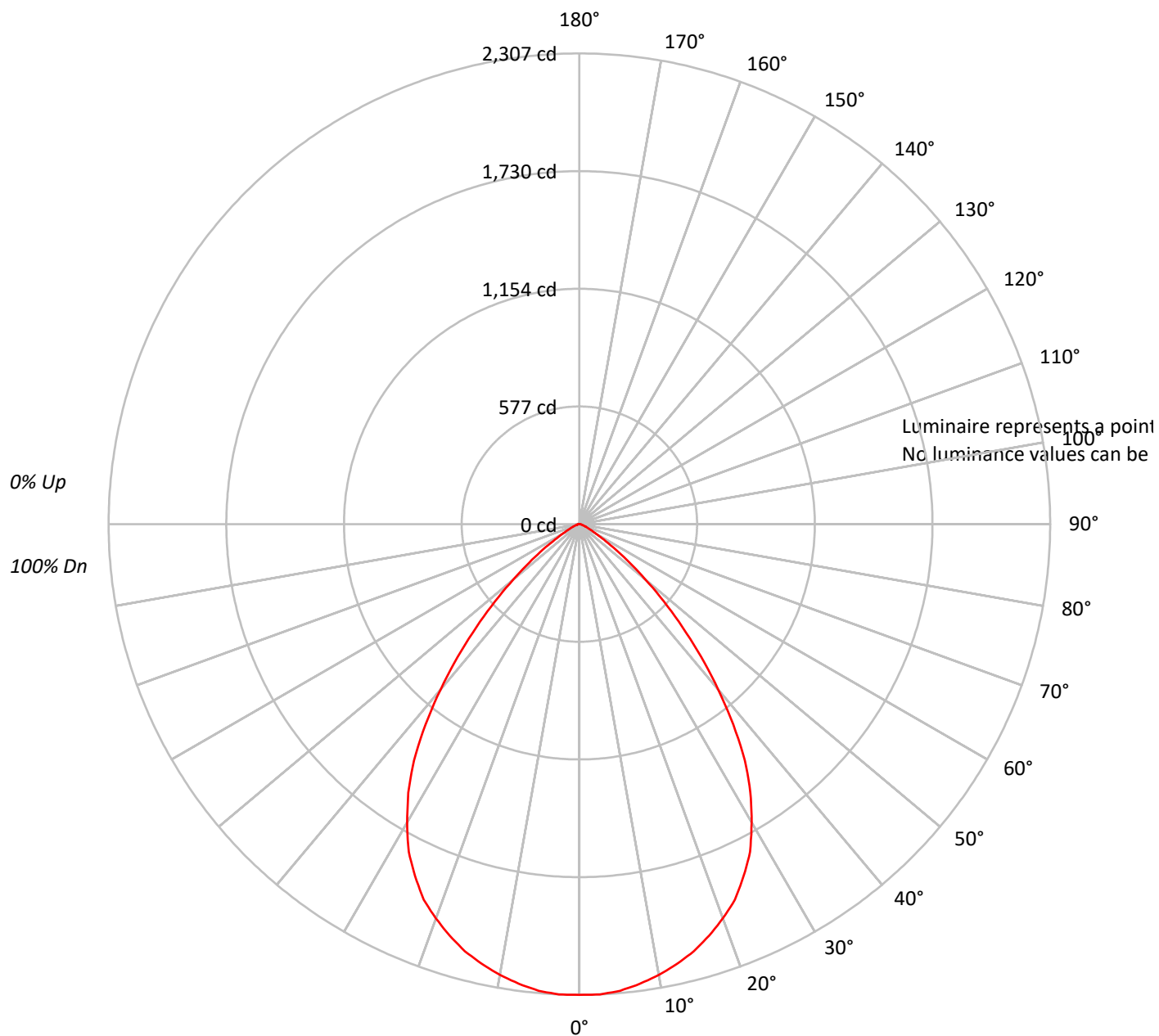
Input Watts (W): 62.48
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	112	109	106	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	91	85	81	97	90	84	80	87	82	79		85	81	77		82
4	93	84	77	72	91	82	76	72	80	75	71		78	74	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	81	71	64	59	80	70	63	59	68	62	58		67	62	58		65
7	76	65	58	53	75	65	58	53	63	57	53		62	57	53		61
8	72	61	54	49	70	60	53	49	59	53	49		58	52	48		57
9	68	57	50	45	66	56	49	45	55	49	45		54	48	45		53
10	64	53	46	42	63	52	46	42	51	45	41		51	45	41		50

AVERAGE LUMINANCE (cd/sqm):





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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	217.4	6.4
10°-20°	609.6	18.0
20°-30°	872.1	25.7
30°-40°	869.3	25.6
40°-50°	553.7	16.3
50°-60°	204.2	6.0
60°-70°	51.1	1.5
70°-80°	15.4	0.5
80°-90°	2.4	0.1
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°	1699.1	50.0
0°-40°	2568.3	75.7
0°-60°	3326.1	98.0
0°-90°	3394.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3394.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2307	
5°	2296	217
15°	2167	610
25°	1904	872
35°	1414	869
45°	713	554
55°	216	204
65°	47	51
75°	12	15
85°	0	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	2307.4
2.5°	2307.4
5°	2295.7
7.5°	2272.4
10°	2243.1
12.5°	2208.1
15°	2167.2
17.5°	2114.6
20°	2056.2
22.5°	1992.0
25°	1904.3
27.5°	1810.9
30°	1688.2
32.5°	1559.7
35°	1413.6
37.5°	1238.4
40°	1057.3
42.5°	882.1
45°	712.7
47.5°	560.8
50°	420.6
52.5°	309.6
55°	216.1
57.5°	140.2
60°	93.5
62.5°	64.3
65°	46.7
67.5°	35.0
70°	29.2
72.5°	17.5
75°	11.7
77.5°	11.7
80°	5.8
82.5°	5.8
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)