

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: P202980

Luminaire Tested: **LD6B60D010TE EU6B60708035 6LBWGPH1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P202980
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 EU6B60708035 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: 4077.1 lumens
Efficiency: N/A
Efficacy: 65.3 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

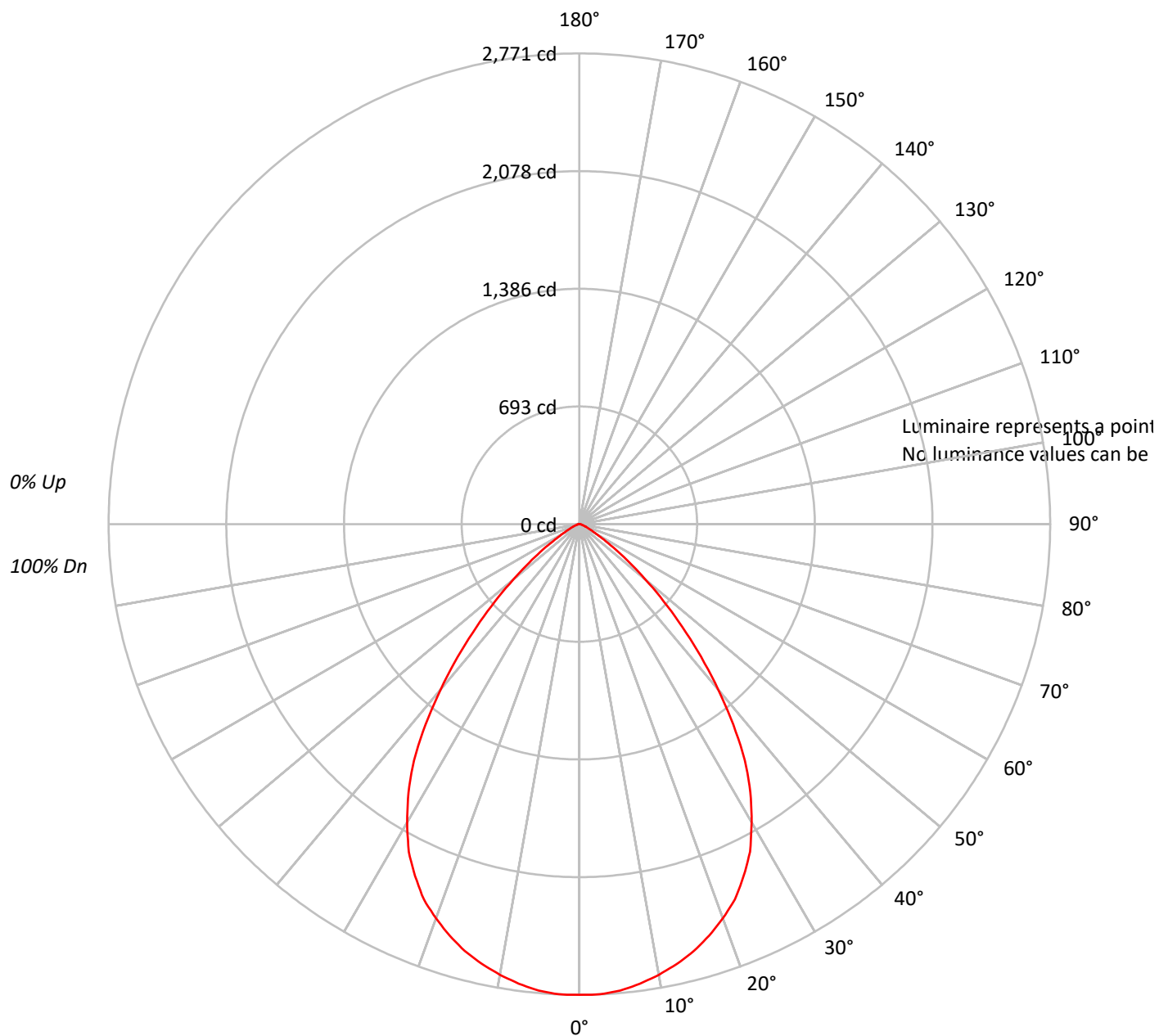
Input Watts (W): 62.48
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Luminous Intensity Polar Plot





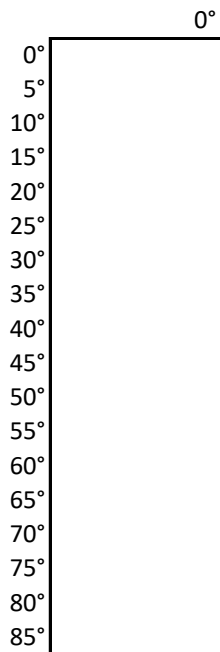
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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

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			0
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111			106	106	106			100
1	112	109	106	104		110	107	104	102		103	101	99			99	98	96			91
2	106	100	95	91		103	98	94	90		95	91	88			92	89	86			82
3	99	91	85	81		97	90	84	80		87	82	79			85	81	77			74
4	93	84	77	72		91	82	76	72		80	75	71			78	74	70			67
5	87	77	70	65		85	76	69	65		74	68	64			72	67	63			61
6	81	71	64	59		80	70	63	59		68	62	58			67	62	58			56
7	76	65	58	53		75	65	58	53		63	57	53			62	57	53			51
8	72	61	54	49		70	60	53	49		59	53	49			58	52	48			47
9	68	57	50	45		66	56	49	45		55	49	45			54	48	45			43
10	64	53	46	42		63	52	46	42		51	45	41			51	45	41			40

AVERAGE LUMINANCE (cd/sqm):





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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	261.1	6.4
10°-20°	732.0	18.0
20°-30°	1047.3	25.7
30°-40°	1043.9	25.6
40°-50°	664.9	16.3
50°-60°	245.2	6.0
60°-70°	61.3	1.5
70°-80°	18.4	0.5
80°-90°	2.9	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°	2040.5	50.0
0°-40°	3084.4	75.7
0°-60°	3994.5	98.0
0°-90°	4077.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4077.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2771	
5°	2757	261
15°	2603	732
25°	2287	1047
35°	1698	1044
45°	856	665
55°	260	245
65°	56	61
75°	14	18
85°	0	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	2771.1
2.5°	2771.1
5°	2757.0
7.5°	2729.0
10°	2693.9
12.5°	2651.8
15°	2602.7
17.5°	2539.5
20°	2469.4
22.5°	2392.2
25°	2287.0
27.5°	2174.7
30°	2027.4
32.5°	1873.1
35°	1697.7
37.5°	1487.2
40°	1269.8
42.5°	1059.3
45°	855.9
47.5°	673.5
50°	505.1
52.5°	371.8
55°	259.6
57.5°	168.4
60°	112.2
62.5°	77.2
65°	56.1
67.5°	42.1
70°	35.1
72.5°	21.0
75°	14.0
77.5°	14.0
80°	7.0
82.5°	7.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)