

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: P202982

Luminaire Tested: **LD6B60D010TE EU6B60708050 6LBWGPH1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P202982
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 EU6B60708050 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: 4115.4 lumens
Efficiency: N/A
Efficacy: 65.9 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

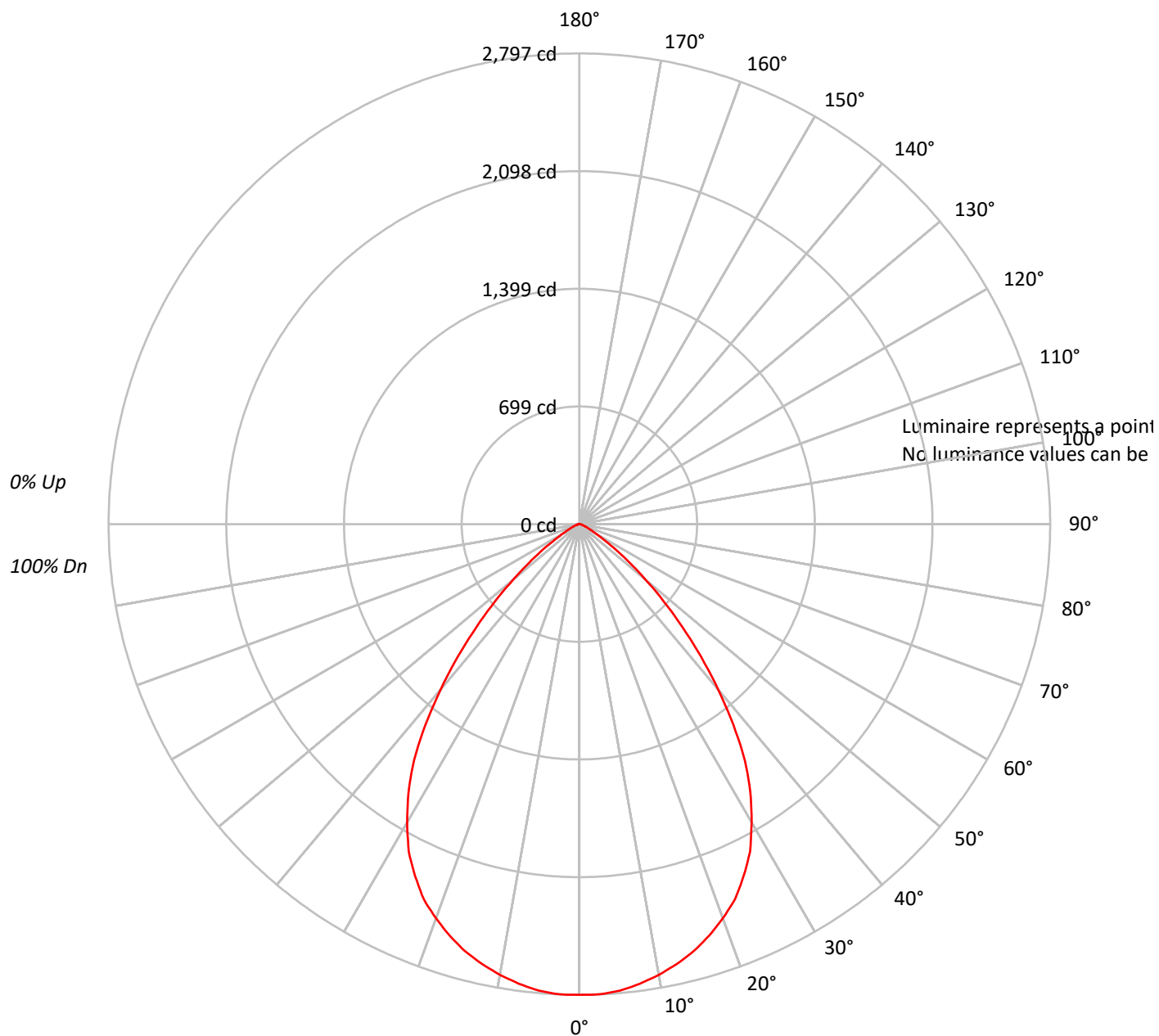
Input Watts (W): 62.48
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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°	263.5	6.4
10°-20°	738.9	18.0
20°-30°	1057.2	25.7
30°-40°	1053.7	25.6
40°-50°	671.1	16.3
50°-60°	247.5	6.0
60°-70°	61.9	1.5
70°-80°	18.6	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°	2059.6	50.0
0°-40°	3113.4	75.7
0°-60°	4032.0	98.0
0°-90°	4115.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4115.4	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2797	
5°	2783	264
15°	2627	739
25°	2308	1057
35°	1714	1054
45°	864	671
55°	262	247
65°	57	62
75°	14	19
85°	0	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	2797.1
2.5°	2797.1
5°	2782.9
7.5°	2754.6
10°	2719.2
12.5°	2676.7
15°	2627.1
17.5°	2563.4
20°	2492.6
22.5°	2414.7
25°	2308.5
27.5°	2195.2
30°	2046.5
32.5°	1890.7
35°	1713.6
37.5°	1501.2
40°	1281.7
42.5°	1069.3
45°	863.9
47.5°	679.8
50°	509.8
52.5°	375.3
55°	262.0
57.5°	169.9
60°	113.3
62.5°	77.9
65°	56.6
67.5°	42.5
70°	35.4
72.5°	21.2
75°	14.2
77.5°	14.2
80°	7.1
82.5°	7.1
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)