

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: PORTFOLIO

Report Number: P202919

Luminaire Tested: **LE_6B15D010 EC6B10209027 6LBWGPH1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P202919
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: PORTFOLIO
Catalog Number: LE_6B15D010 EC6B10209027 6LBWGPH1
Description: PORTFOLIO 6 INCH 60 DEGREE CUTOFF RECESSED DOWNLIGHT
WIDE DISTRIBUTIONWITH GRAPHITE HAZE TRIM
WATTAGE D010TR-14.39 W DE010-14.29 W D5LT-14.34 W DMX-14.46 W DL2-15.8 W
DL3-15.28 W DLE-15.432 W
Light Source: HIGH LUMEN LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1002.3 lumens
Efficiency: N/A
Efficacy: 70.1 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

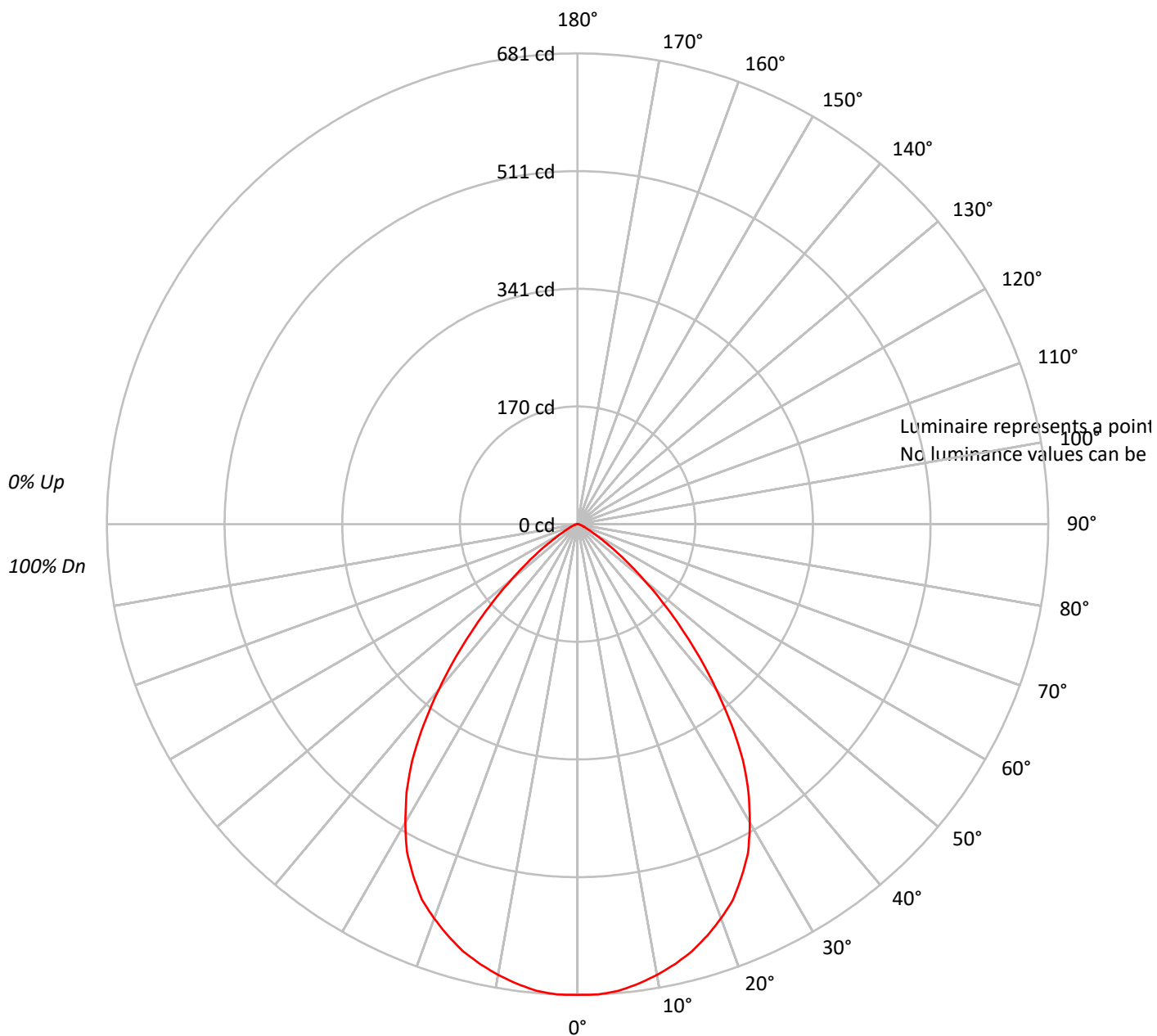
Input Watts (W): 14.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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					0
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	58		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°	64.2	6.4
10°-20°	179.9	18.0
20°-30°	257.4	25.7
30°-40°	256.6	25.6
40°-50°	163.4	16.3
50°-60°	60.3	6.0
60°-70°	15.1	1.5
70°-80°	4.6	0.5
80°-90°	0.7	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°	501.6	50.0
0°-40°	758.2	75.6
0°-60°	981.9	98.0
0°-90°	1002.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1002.3	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	681	
5°	678	64
15°	640	180
25°	562	257
35°	417	257
45°	210	163
55°	64	60
65°	14	15
75°	4	5
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	681.1
2.5°	681.1
5°	677.8
7.5°	670.9
10°	662.2
12.5°	651.9
15°	639.8
17.5°	624.2
20°	607.0
22.5°	588.0
25°	562.1
27.5°	534.6
30°	498.4
32.5°	460.4
35°	417.4
37.5°	365.6
40°	312.1
42.5°	260.4
45°	210.4
47.5°	165.5
50°	124.1
52.5°	91.4
55°	63.8
57.5°	41.4
60°	27.6
62.5°	19.0
65°	13.8
67.5°	10.4
70°	8.6
72.5°	5.1
75°	3.5
77.5°	3.5
80°	1.8
82.5°	1.8
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)