

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: P203331

Luminaire Tested: **LE_6B15D010 EC6B10209027 6LBMWH1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P203331
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 6LBMWH1
Description: PORTFOLIO 6 INCH 50 DEGREE CUTOFF RECESSED DOWNLIGHT
MEDIUM DISTRIBUTION WITH WHEAT 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: 1188.4 lumens
Efficiency: N/A
Efficacy: 83.1 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.85
Luminous Opening: Point Source (0' x 0' x 0')
CIE Type: Direct

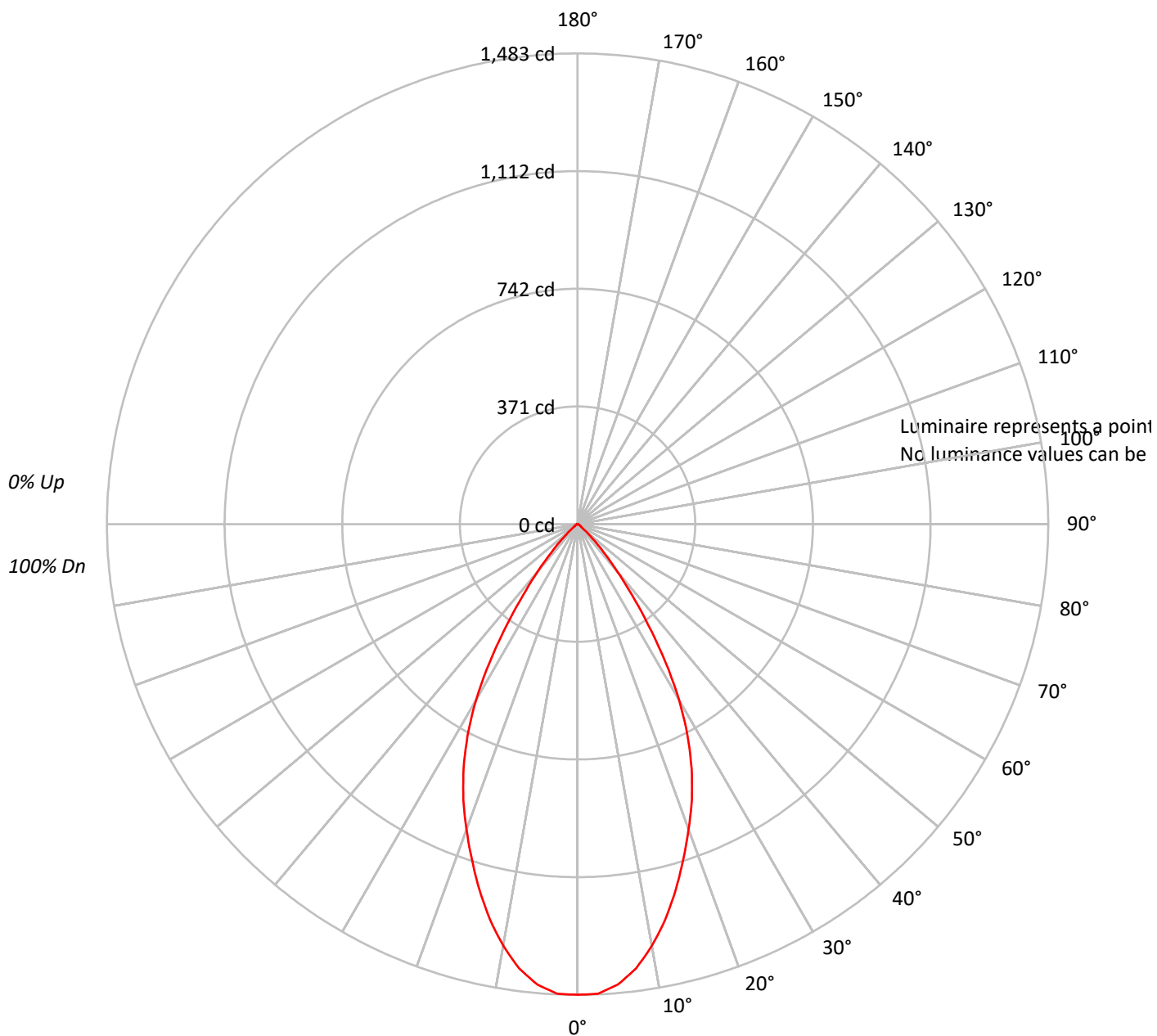
Input Watts (W): 14.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	114	111	108	106	111	109	106	104		105	103	101			101	100	98			94
2	108	103	99	96	106	101	98	95		98	95	93			95	93	91			87
3	103	96	91	87	101	95	90	87		92	88	85			90	87	84			81
4	97	90	85	80	96	89	84	80		87	82	79			85	81	78			76
5	93	84	79	74	91	83	78	74		82	77	73			80	76	73			71
6	88	79	73	69	87	78	73	69		77	72	68			76	71	68			66
7	84	75	69	64	82	74	68	64		73	68	64			71	67	64			62
8	80	70	64	60	78	70	64	60		69	64	60			68	63	60			58
9	76	66	61	57	75	66	60	57		65	60	56			64	59	56			55
10	72	63	57	53	71	62	57	53		62	57	53			61	56	53			52

AVERAGE LUMINANCE (cd/sqm):





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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	135.5	11.4
10°-20°	332.8	28.0
20°-30°	385.0	32.4
30°-40°	246.1	20.7
40°-50°	69.8	5.9
50°-60°	12.4	1.0
60°-70°	5.1	0.4
70°-80°	1.7	0.1
80°-90°	0.0	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°	853.4	71.8
0°-40°	1099.5	92.5
0°-60°	1181.7	99.4
0°-90°	1188.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1188.4	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1483	
5°	1456	136
15°	1194	333
25°	850	385
35°	388	246
45°	81	70
55°	12	12
65°	5	5
75°	2	2
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1482.8
2.5°	1481.0
5°	1456.2
7.5°	1411.6
10°	1348.9
12.5°	1276.1
15°	1193.5
17.5°	1107.5
20°	1023.1
22.5°	940.5
25°	849.6
27.5°	750.5
30°	639.8
32.5°	515.8
35°	388.5
37.5°	281.0
40°	195.0
42.5°	128.9
45°	81.0
47.5°	47.9
50°	28.1
52.5°	16.5
55°	11.6
57.5°	9.9
60°	8.2
62.5°	6.6
65°	5.0
67.5°	3.2
70°	3.2
72.5°	1.6
75°	1.6
77.5°	1.6
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)