

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: P202505

Luminaire Tested: **LE_6B15D010 EC6B10208050 6LBSWMH1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P202505
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 EC6B10208050 6LBSWMH1
Description: PORTFOLIO 6 INCH SHALLOW RECESSED DOWNLIGHT
SHALLOW DISTRIBUTION WITH WARM 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: 1994.2 lumens
Efficiency: N/A
Efficacy: 139.5 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 1.1
Luminous Opening: Point Source (0' x 0' x 0')
CIE Type: Direct

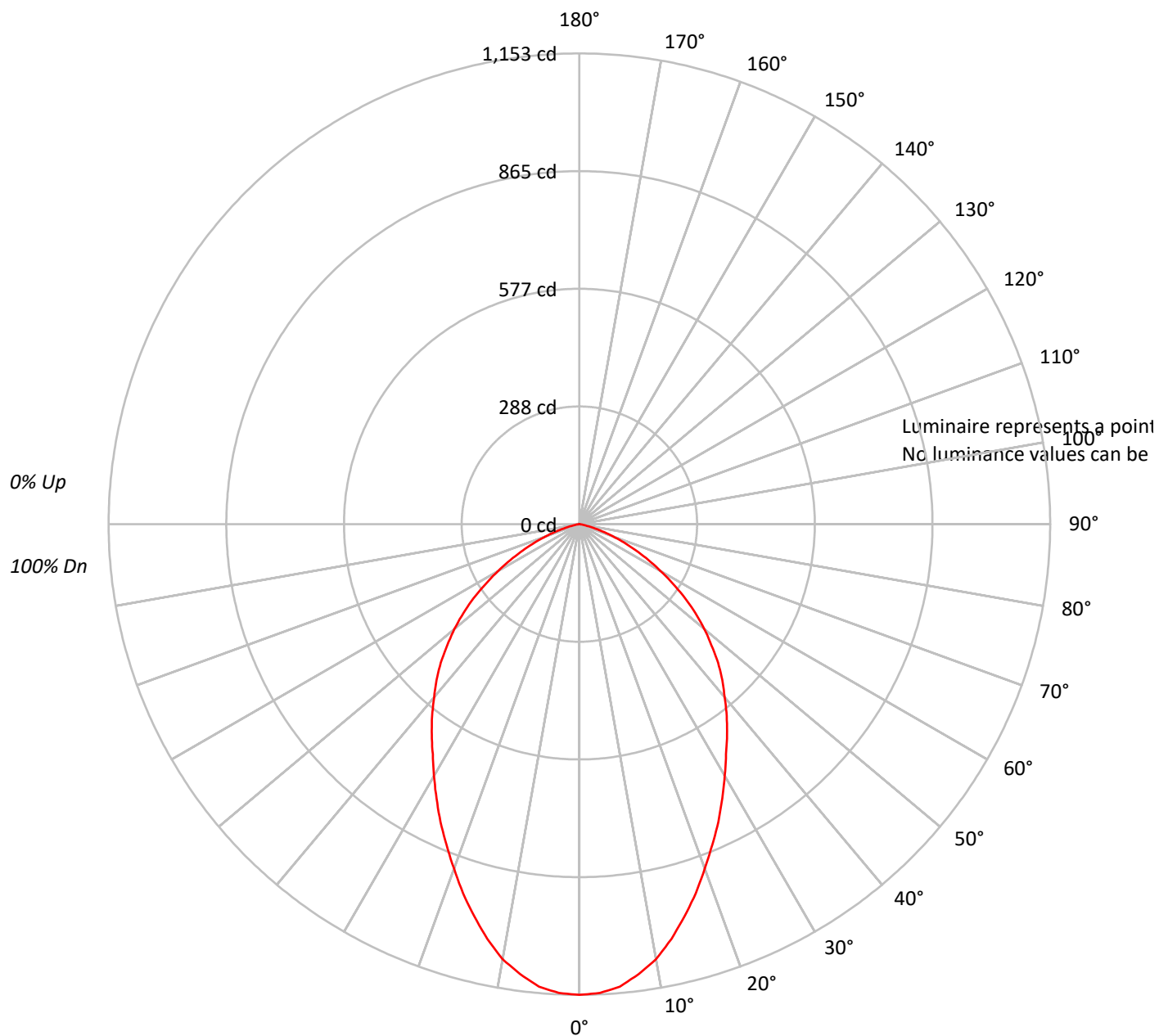
Input Watts (W): 14.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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				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	111	107	104	101	108	105	102	99	101	98	96		97	95	93		94
2	103	96	90	85	100	94	89	84	91	86	82		87	84	81		84
3	95	86	79	73	92	84	78	73	81	76	71		79	74	70		76
4	88	77	70	64	86	76	69	63	74	67	62		71	66	62		69
5	81	70	62	56	79	69	61	56	67	60	55		65	59	55		63
6	76	64	56	50	74	63	55	50	61	54	49		59	53	49		58
7	70	58	50	45	69	57	50	45	56	49	44		55	48	44		53
8	66	54	46	40	64	53	45	40	52	45	40		50	44	40		49
9	62	49	42	37	61	49	42	37	48	41	37		47	41	36		46
10	58	46	39	34	57	45	38	34	45	38	34		44	38	33		43

AVERAGE LUMINANCE (cd/sqm):





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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	106.7	5.3
10°-20°	278.9	14.0
20°-30°	369.8	18.5
30°-40°	394.5	19.8
40°-50°	368.7	18.5
50°-60°	281.1	14.1
60°-70°	153.0	7.7
70°-80°	41.0	2.1
80°-90°	0.5	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°	755.4	37.9
0°-40°	1149.9	57.7
0°-60°	1799.7	90.2
0°-90°	1994.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1994.2	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1153	
5°	1137	107
15°	994	279
25°	805	370
35°	630	394
45°	480	369
55°	316	281
65°	153	153
75°	35	41
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1153.1
2.5°	1149.5
5°	1137.2
7.5°	1111.6
10°	1082.2
12.5°	1040.8
15°	994.4
17.5°	947.9
20°	897.9
22.5°	850.2
25°	805.0
27.5°	757.4
30°	712.1
32.5°	668.2
35°	630.4
37.5°	592.5
40°	553.4
42.5°	518.0
45°	480.1
47.5°	438.5
50°	399.5
52.5°	357.9
55°	316.4
57.5°	271.1
60°	229.6
62.5°	190.6
65°	152.8
67.5°	118.5
70°	86.8
72.5°	59.9
75°	35.4
77.5°	15.9
80°	3.6
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)