

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: P203114

Luminaire Tested: **LE_6B10D010 EC6B10209035 6LBWMW1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P203114
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_6B10D010 EC6B10209035 6LBWMW1
Description: PORTFOLIO 6 INCH 60 DEGREE CUTOFF RECESSED DOWNLIGHT
WIDE DISTRIBUTION WITH MATTE WHITE TRIM
WATTAGE D010TR-10.05 W DE010-10.58 W D5LT-10.2 W DMX-10.6 W DL2-11.8 W
DL3-11.1 W DLE-11.39 W
Light Source: HIGH LUMEN LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1088.6 lumens
Efficiency: N/A
Efficacy: 110.0 lumens/watt
Spacing Criteria (0/90/45): 1.13 / 1.13 / 1.15
Luminous Opening: Point Source (0' x 0' x 0')
CIE Type: Direct

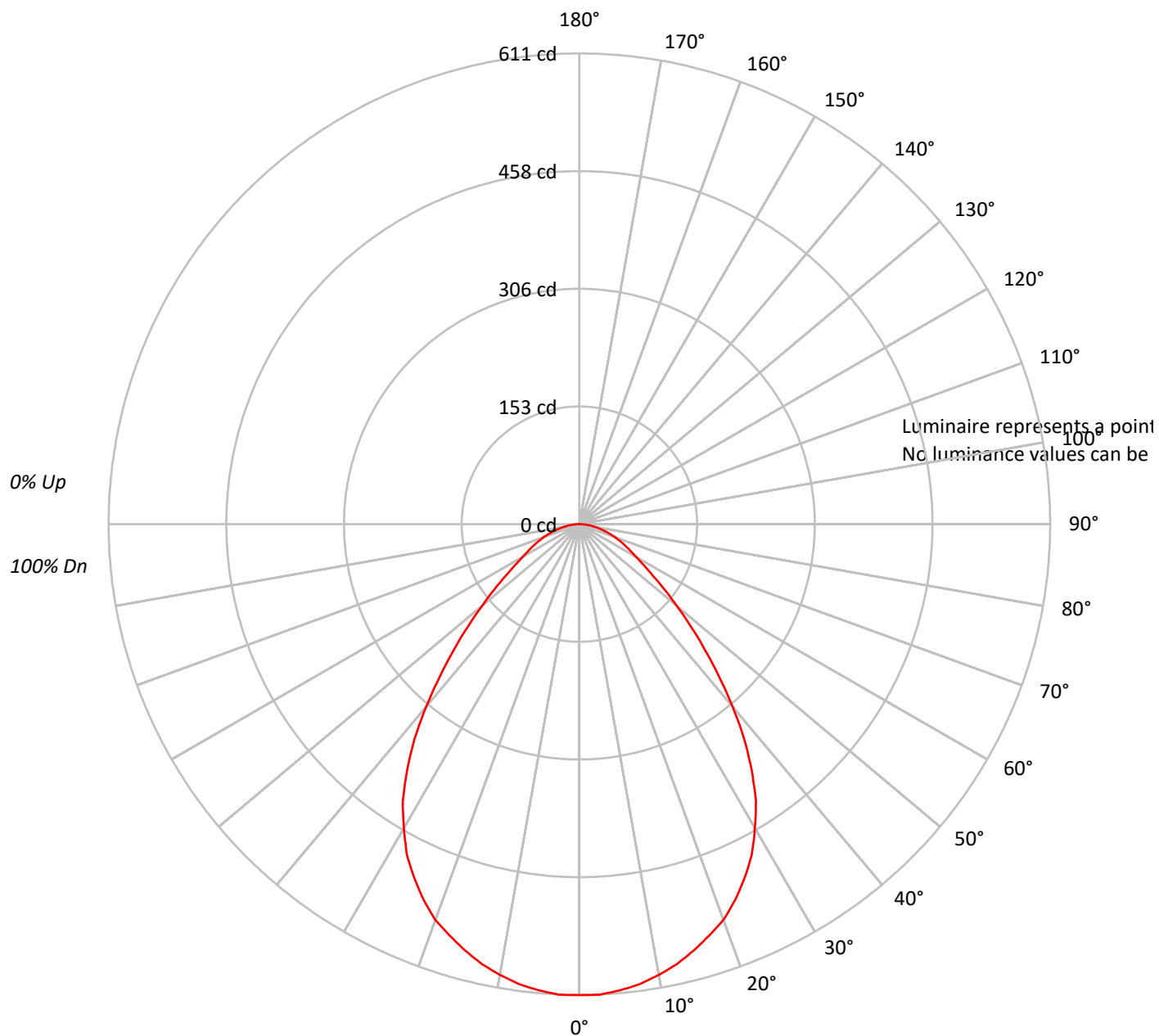
Input Watts (W): 9.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	100	108	105	102	99	101	98	96		97	95	93		93
2	103	96	90	86	100	94	89	85	91	86	83		88	84	81		85
3	95	86	80	74	93	85	79	74	82	77	72		80	75	71		77
4	89	78	71	65	86	77	70	65	75	69	64		72	67	63		70
5	82	71	64	58	80	70	63	58	68	62	57		66	61	56		65
6	77	65	57	52	75	64	57	52	63	56	51		61	55	51		60
7	72	60	52	47	70	59	52	47	58	51	46		56	50	46		55
8	67	55	48	42	66	55	47	42	53	47	42		52	46	42		51
9	63	51	44	39	62	51	44	39	50	43	39		49	43	38		48
10	60	48	40	36	58	47	40	36	46	40	36		45	40	35		45

AVERAGE LUMINANCE (cd/sqm):





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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.6	5.3
10°-20°	161.5	14.8
20°-30°	232.6	21.4
30°-40°	241.5	22.2
40°-50°	178.6	16.4
50°-60°	106.6	9.8
60°-70°	64.9	6.0
70°-80°	35.5	3.3
80°-90°	9.9	0.9
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°	451.6	41.5
0°-40°	693.2	63.7
0°-60°	978.4	89.9
0°-90°	1088.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1088.6	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	611	
5°	607	58
15°	573	161
25°	507	233
35°	390	242
45°	230	179
55°	116	107
65°	65	65
75°	33	35
85°	8	10
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	611.4
2.5°	611.4
5°	607.4
7.5°	602.1
10°	594.1
12.5°	584.9
15°	573.0
17.5°	559.9
20°	546.6
22.5°	528.1
25°	507.0
27.5°	484.5
30°	455.5
32.5°	426.5
35°	389.5
37.5°	351.2
40°	309.0
42.5°	268.0
45°	229.8
47.5°	195.4
50°	165.0
52.5°	138.6
55°	116.2
57.5°	99.0
60°	84.5
62.5°	74.0
65°	64.8
67.5°	56.8
70°	48.9
72.5°	40.9
75°	33.0
77.5°	26.4
80°	19.8
82.5°	14.5
85°	7.9
87.5°	4.0
90°	0.0



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— 0°-180°







(END OF REPORT)