

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: P203109

Luminaire Tested: **LE_6B10D010 EC6B10208035 6LBWMW1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P203109
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 EC6B10208035 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: 1286.9 lumens
Efficiency: N/A
Efficacy: 130.0 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

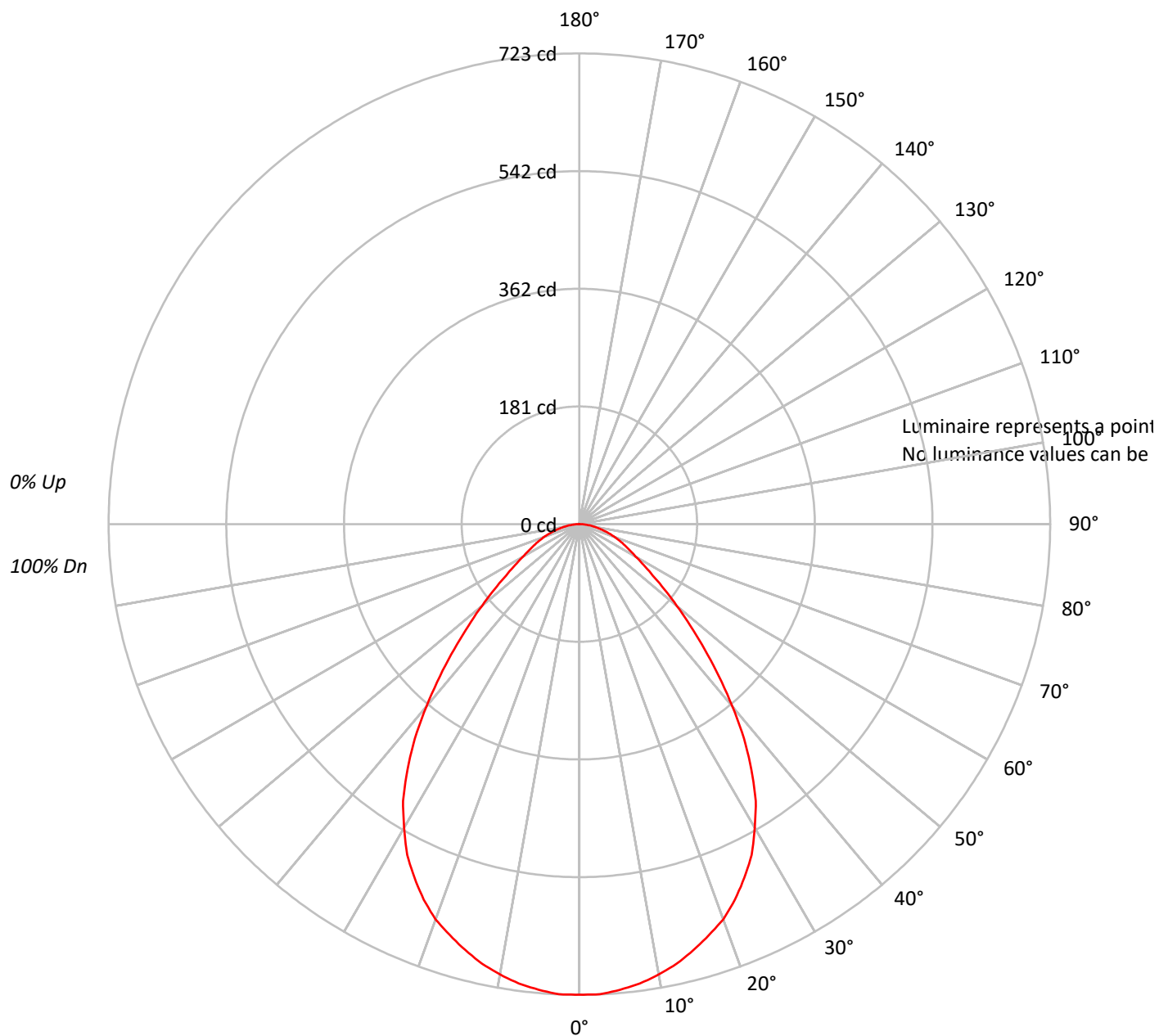
Input Watts (W): 9.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	0
RCR																			
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	
1	111	107	104	100	108	105	102	99	101	98	96	97	95	93	93	92	90	88	
2	103	96	90	86	100	94	89	85	91	86	83	88	84	81	85	82	79	77	
3	95	86	80	74	93	85	79	74	82	77	72	80	75	71	77	73	70	68	
4	89	78	71	65	86	77	70	65	75	69	64	72	67	63	70	66	62	60	
5	82	71	64	58	80	70	63	58	68	62	57	66	61	56	65	60	56	54	
6	77	65	57	52	75	64	57	52	63	56	51	61	55	51	60	54	50	49	
7	72	60	52	47	70	59	52	47	58	51	46	56	50	46	55	50	46	44	
8	67	55	48	42	66	55	47	42	53	47	42	52	46	42	51	46	42	40	
9	63	51	44	39	62	51	44	39	50	43	39	49	43	38	48	42	38	37	
10	60	48	40	36	58	47	40	36	46	40	36	45	40	35	45	39	35	34	

AVERAGE LUMINANCE (cd/sqm):





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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.1	5.3
10°-20°	190.9	14.8
20°-30°	275.0	21.4
30°-40°	285.5	22.2
40°-50°	211.1	16.4
50°-60°	126.1	9.8
60°-70°	76.6	6.0
70°-80°	42.0	3.3
80°-90°	11.6	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°	534.0	41.5
0°-40°	819.5	63.7
0°-60°	1156.7	89.9
0°-90°	1286.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1286.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	723	
5°	718	68
15°	677	191
25°	599	275
35°	460	286
45°	272	211
55°	137	126
65°	76	77
75°	39	42
85°	9	12
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	722.8
2.5°	722.8
5°	718.0
7.5°	711.8
10°	702.4
12.5°	691.5
15°	677.4
17.5°	661.9
20°	646.2
22.5°	624.4
25°	599.4
27.5°	572.9
30°	538.5
32.5°	504.1
35°	460.5
37.5°	415.2
40°	365.2
42.5°	316.9
45°	271.6
47.5°	231.0
50°	195.1
52.5°	163.9
55°	137.4
57.5°	117.1
60°	99.9
62.5°	87.4
65°	76.5
67.5°	67.1
70°	57.8
72.5°	48.4
75°	39.0
77.5°	31.2
80°	23.4
82.5°	17.1
85°	9.4
87.5°	4.6
90°	0.0



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— 0°-180°







(END OF REPORT)