

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: P203317

Luminaire Tested: **LE_6B10D010 EC6B10208050 6LBMWH1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P203317
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 EC6B10208050 6LBMWH1
Description: PORTFOLIO 6 INCH 50 DEGREE CUTOFF RECESSED DOWNLIGHT
MEDIUM DISTRIBUTION WITH WHEAT 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: 1086.6 lumens
Efficiency: N/A
Efficacy: 109.8 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

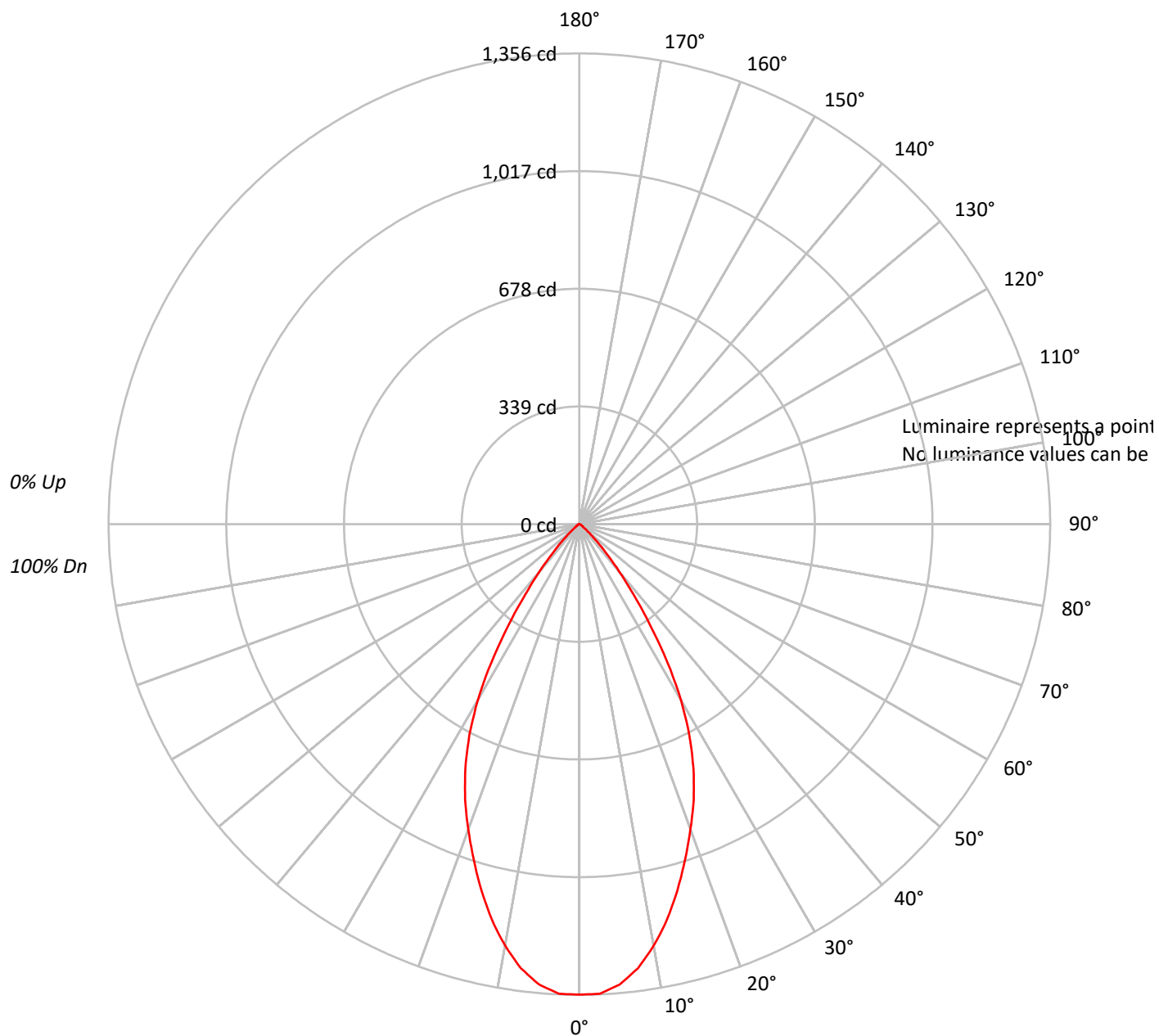
Input Watts (W): 9.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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

AVERAGE LUMINANCE (cd/sqm):





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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	123.9	11.4
10°-20°	304.2	28.0
20°-30°	352.0	32.4
30°-40°	225.0	20.7
40°-50°	63.8	5.9
50°-60°	11.4	1.0
60°-70°	4.6	0.4
70°-80°	1.6	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°	780.2	71.8
0°-40°	1005.2	92.5
0°-60°	1080.4	99.4
0°-90°	1086.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1086.6	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1356	
5°	1331	124
15°	1091	304
25°	777	352
35°	355	225
45°	74	64
55°	11	11
65°	4	5
75°	2	2
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1355.5
2.5°	1354.0
5°	1331.4
7.5°	1290.5
10°	1233.1
12.5°	1166.6
15°	1091.1
17.5°	1012.5
20°	935.4
22.5°	859.9
25°	776.8
27.5°	686.1
30°	584.9
32.5°	471.5
35°	355.1
37.5°	256.9
40°	178.4
42.5°	117.9
45°	74.0
47.5°	43.9
50°	25.8
52.5°	15.1
55°	10.6
57.5°	9.1
60°	7.5
62.5°	6.0
65°	4.5
67.5°	3.0
70°	3.0
72.5°	1.5
75°	1.5
77.5°	1.5
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)