

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: P205375

Luminaire Tested: **LE_6B10D010 EC6B10209035 6LBSLI1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P205375
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 6LBSLI1
Description: PORTFOLIO 6 INCH SHALLOW RECESSED DOWNLIGHT
SHALLOW DISTRIBUTION WITH SPECULAR CLEAR 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: 1241.6 lumens
Efficiency: N/A
Efficacy: 125.4 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 1.04
Luminous Opening: Point Source (0' x 0' x 0')
CIE Type: Direct

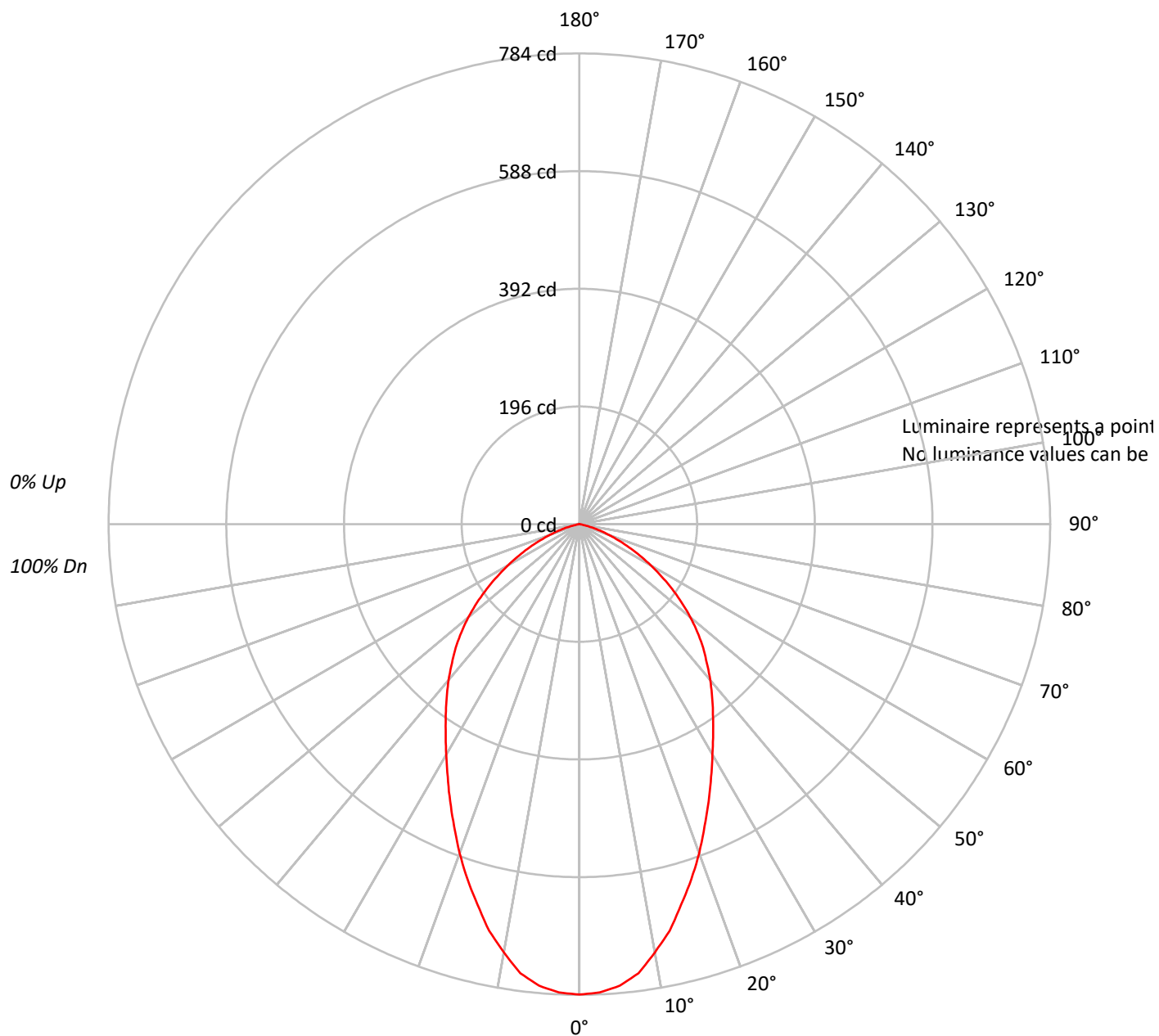
Input Watts (W): 9.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	101	109	105	102	99		101	99	96			97	95	93			94
2	103	96	91	86	100	94	89	85		91	87	83			88	84	81			85
3	95	86	79	74	93	85	78	73		82	76	72			79	75	71			77
4	88	78	70	64	86	77	69	64		74	68	63			72	67	62			70
5	82	71	63	57	80	70	62	57		67	61	56			66	60	55			64
6	76	64	56	51	74	63	56	51		62	55	50			60	54	50			59
7	71	59	51	46	70	58	51	45		57	50	45			55	49	45			54
8	67	54	47	41	65	54	46	41		52	46	41			51	45	41			50
9	63	50	43	38	61	50	43	38		49	42	38			48	42	37			47
10	59	47	40	35	58	46	39	35		45	39	35			45	39	34			44

AVERAGE LUMINANCE (cd/sqm):





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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.2	5.8
10°-20°	183.8	14.8
20°-30°	234.4	18.9
30°-40°	243.1	19.6
40°-50°	224.0	18.0
50°-60°	168.5	13.6
60°-70°	90.9	7.3
70°-80°	24.4	2.0
80°-90°	0.4	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°	490.4	39.5
0°-40°	733.5	59.1
0°-60°	1125.9	90.7
0°-90°	1241.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1241.6	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	784	
5°	772	72
15°	656	184
25°	509	234
35°	388	243
45°	292	224
55°	189	168
65°	91	91
75°	21	24
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	783.5
2.5°	780.9
5°	771.6
7.5°	754.5
10°	724.1
12.5°	693.9
15°	655.6
17.5°	620.0
20°	583.0
22.5°	544.8
25°	509.1
27.5°	474.9
30°	443.2
32.5°	414.2
35°	387.9
37.5°	362.8
40°	339.0
42.5°	314.0
45°	291.5
47.5°	266.5
50°	241.4
52.5°	215.0
55°	188.6
57.5°	162.2
60°	137.1
62.5°	113.5
65°	91.0
67.5°	69.9
70°	51.5
72.5°	35.6
75°	21.1
77.5°	9.2
80°	2.6
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)