

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: P204835

Luminaire Tested: **LE_6B60D010R EC6B60708030 6LBCSMW1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P204835
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_6B60D010R EC6B60708030 6LBCSMW1
Description: PORTFOLIO 6 INCH SHALLOW RECESSED DOWNLIGHT
SHALLOW DISTRIBUTION WITH CAST MATTE WHITE TRIM
SINGLE DRIVER D010TE
Light Source: HIGH LUMEN LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8199.2 lumens
Efficiency: N/A
Efficacy: 131.2 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Point Source (0' x 0' x 0')
CIE Type: Direct

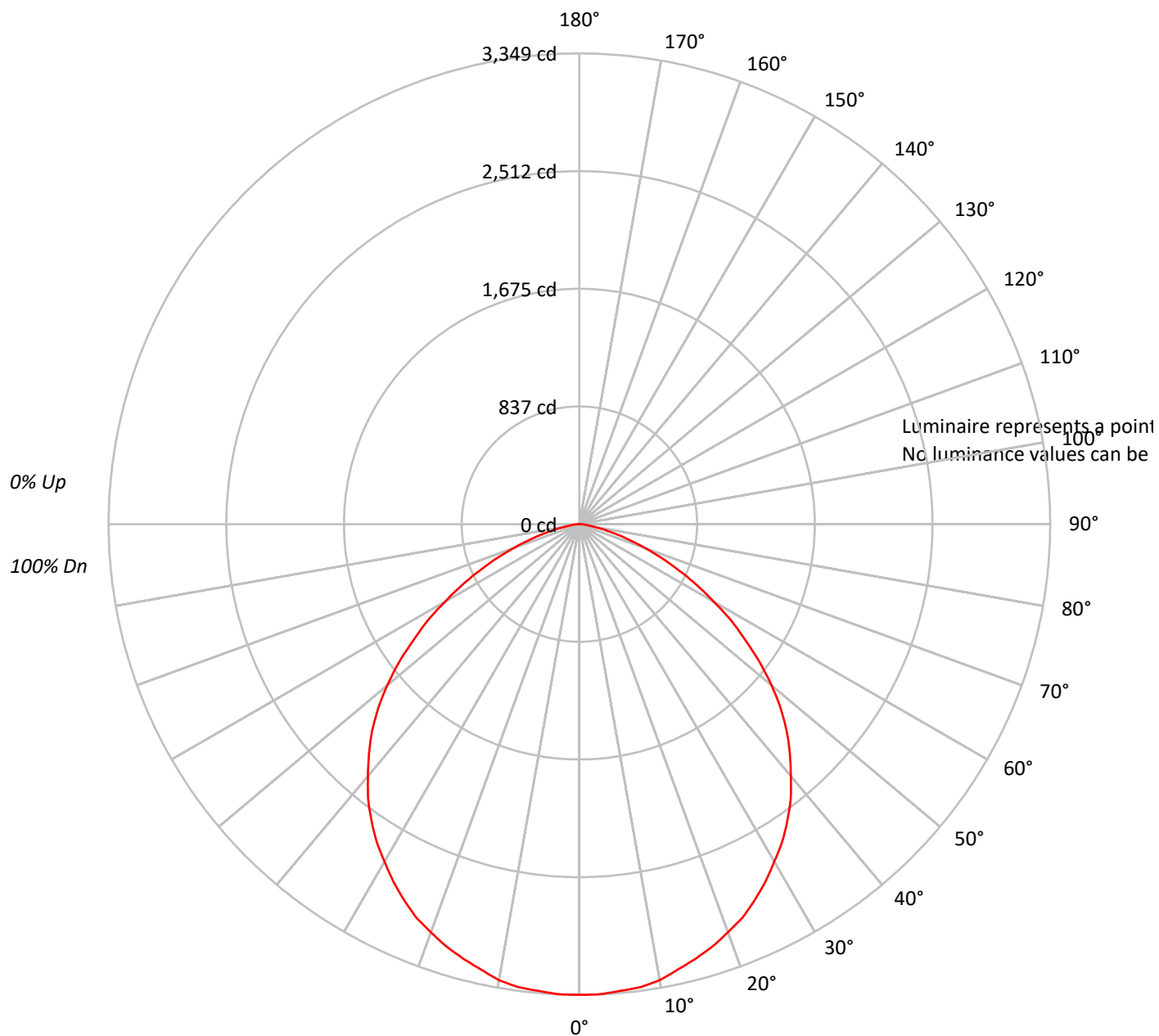
Input Watts (W): 62.5
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Luminous Intensity Polar Plot





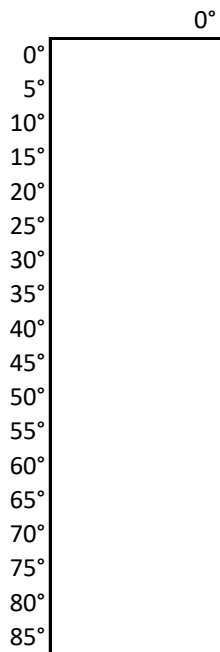
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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

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	110	106	102	99	108	104	100	97	100	97	94		96	93	91		92
2	101	94	87	82	99	92	86	81	88	84	79		85	81	78		82
3	93	83	75	70	90	81	74	69	79	73	68		76	71	67		73
4	85	74	66	60	83	73	65	59	70	64	58		68	62	58		66
5	79	66	58	52	77	65	57	51	63	56	51		61	55	50		60
6	73	60	52	45	71	59	51	45	57	50	45		56	49	44		54
7	68	55	46	40	66	54	46	40	52	45	40		51	44	40		50
8	63	50	42	36	61	49	41	36	48	41	36		47	40	36		46
9	59	46	38	33	57	45	38	32	44	37	32		43	37	32		42
10	55	42	35	30	54	42	34	30	41	34	29		40	34	29		39

AVERAGE LUMINANCE (cd/sqm):





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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	317.3	3.9
10°-20°	903.3	11.0
20°-30°	1358.8	16.6
30°-40°	1610.4	19.6
40°-50°	1602.6	19.5
50°-60°	1291.9	15.8
60°-70°	781.5	9.5
70°-80°	290.2	3.5
80°-90°	43.2	0.5
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°	2579.4	31.5
0°-40°	4189.7	51.1
0°-60°	7084.3	86.4
0°-90°	8199.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	8199.2	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3349	
5°	3334	317
15°	3200	903
25°	2951	1359
35°	2579	1610
45°	2087	1603
55°	1441	1292
65°	785	782
75°	263	290
85°	35	43
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	3348.8
2.5°	3348.8
5°	3333.9
7.5°	3324.0
10°	3294.1
12.5°	3244.5
15°	3199.8
17.5°	3150.0
20°	3090.4
22.5°	3030.8
25°	2951.2
27.5°	2866.9
30°	2772.5
32.5°	2683.0
35°	2578.6
37.5°	2469.4
40°	2340.1
42.5°	2216.0
45°	2086.8
47.5°	1942.8
50°	1783.8
52.5°	1619.8
55°	1440.9
57.5°	1281.9
60°	1103.0
62.5°	944.0
65°	785.0
67.5°	636.0
70°	496.9
72.5°	372.6
75°	263.4
77.5°	168.9
80°	99.4
82.5°	59.6
85°	34.8
87.5°	14.9
90°	0.0



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— 0°-180°







(END OF REPORT)