

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: P252831

Luminaire Tested: **LE_6B60D010R EC6B60708030 6LBBA1MW**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P252831
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-1712-453-2)
Test Lab: INNOVATION CENTER(G1)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LE_6B60D010R EC6B60708030 6LBBA1MW
Description: PORTFOLIO 6 INCH BAFFLE RECESSED DOWNLIGHT, WITH MATTE WHITE TRIM
Light Source: (1) HIGH LUMEN LED 80CRI / 3000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9497.6 lumens
Efficiency: N/A
Efficacy: 152.0 lumens/watt
Spacing Criteria (0/90/45): 1.03 / 1.03 / 1
Luminous Opening: Circular (Dia: 0.46' x H: 0')
CIE Type: Direct

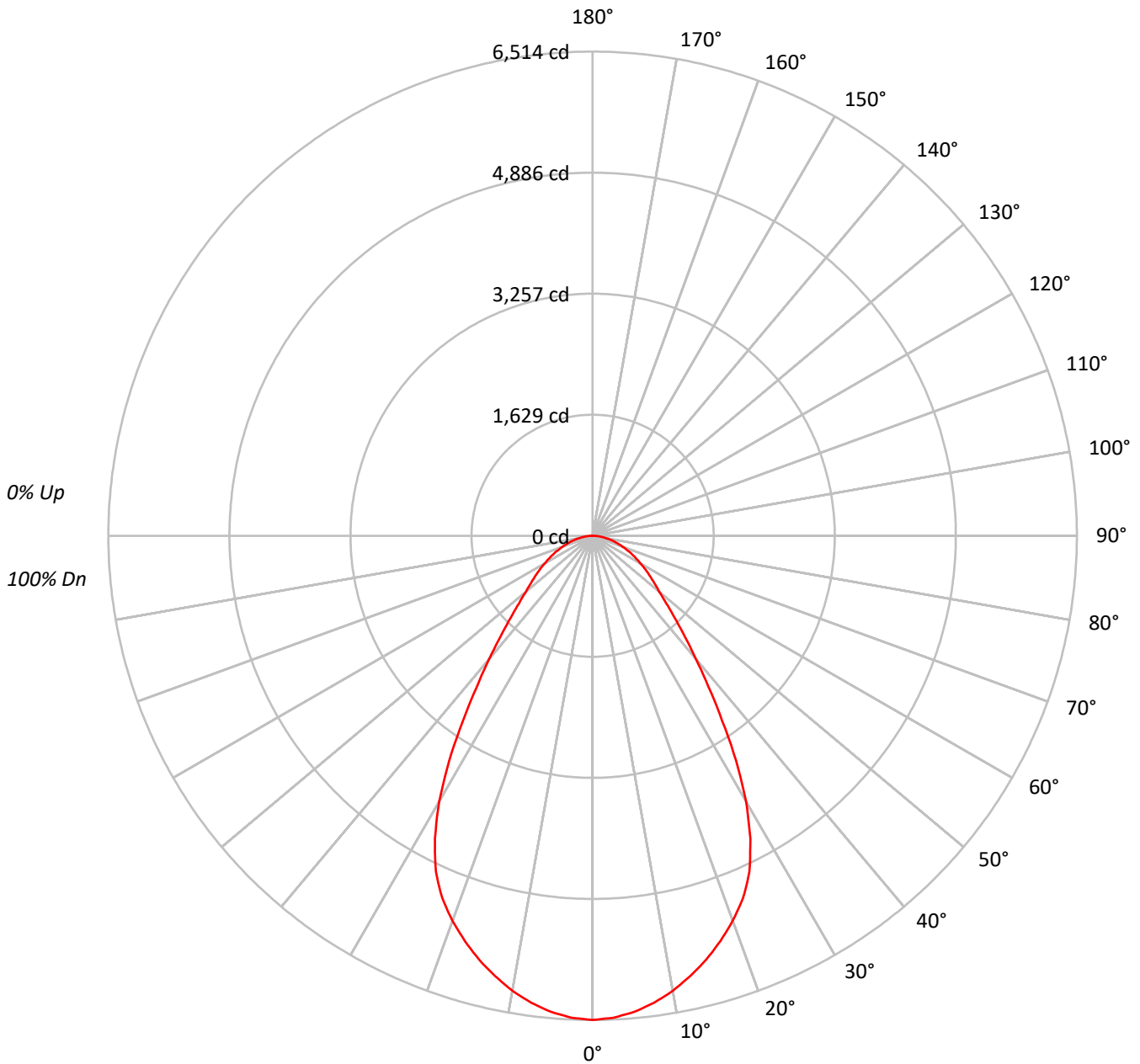
Input Watts (W): 62.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P252831

CATALOG NUMBER: LE_6B60D010R EC6B60708030 6LBBA1MW

Luminous Intensity Polar Plot





TEST NUMBER: P252831

CATALOG NUMBER: LE_6B60D010R EC6B60708030 6LBBA1MW

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	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	101	108	105	102	99	101	98	96	97	95	93	94	92	90	88			
2	103	97	91	87	101	95	90	86	91	87	84	88	85	82	85	83	80	78			
3	96	87	81	76	94	86	80	75	83	78	74	81	76	72	78	74	71	69			
4	90	80	72	67	87	78	72	66	76	70	66	74	69	65	72	68	64	62			
5	84	73	65	60	82	72	65	60	70	64	59	68	63	58	66	62	58	56			
6	78	67	60	54	77	66	59	54	65	58	54	63	57	53	62	57	53	51			
7	74	62	55	49	72	61	54	49	60	53	49	59	53	49	57	52	48	47			
8	69	58	50	45	68	57	50	45	56	49	45	55	49	45	53	48	44	43			
9	65	54	46	42	64	53	46	42	52	46	41	51	45	41	50	45	41	39			
10	62	50	43	39	61	50	43	39	49	43	38	48	42	38	47	42	38	37			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	424984
5°	421087
10°	411805
15°	398735
20°	382630
25°	359198
30°	310826
35°	242007
40°	183941
45°	143388
50°	118933
55°	106737
60°	97182
65°	89675
70°	82404
75°	76352
80°	69055
85°	63178



TEST NUMBER: P252831

CATALOG NUMBER: LE_6B60D010R EC6B60708030 6LBBA1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	606.9	6.4
10°-20°	1658.7	17.5
20°-30°	2259.0	23.8
30°-40°	1911.6	20.1
40°-50°	1226.3	12.9
50°-60°	843.9	8.9
60°-70°	576.5	6.1
70°-80°	320.8	3.4
80°-90°	93.9	1.0
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°	4524.6	47.6
0°-40°	6436.2	67.8
0°-60°	8506.4	89.6
0°-90°	9497.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	9497.6	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	6514	
5°	6430	607
15°	5904	1659
25°	4990	2259
35°	3039	1912
45°	1554	1226
55°	938	844
65°	581	577
75°	303	321
85°	84	94
90°	0	



TEST NUMBER: P252831

CATALOG NUMBER: LE_6B60D010R EC6B60708030 6LBBA1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	6514.1
2.5°	6489.4
5°	6429.8
7.5°	6335.4
10°	6216.2
12.5°	6067.2
15°	5903.5
17.5°	5714.8
20°	5511.2
22.5°	5282.9
25°	4989.9
27.5°	4592.6
30°	4126.0
32.5°	3589.8
35°	3038.6
37.5°	2557.0
40°	2159.8
42.5°	1827.1
45°	1554.1
47.5°	1340.6
50°	1171.8
52.5°	1042.6
55°	938.4
57.5°	839.1
60°	744.8
62.5°	660.4
65°	580.9
67.5°	501.5
70°	432.0
72.5°	362.5
75°	302.9
77.5°	243.2
80°	183.8
82.5°	134.0
85°	84.4
87.5°	34.8
90°	0.0



Report Generated By E9808895 / USPTCWHP6082093





— 0°-180°







(END OF REPORT)