

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: PORTFOLIO

Report Number: P844013

Luminaire Tested: **LD6C15DE010B2750 EU6C15B27 6LBCSMMS**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844013
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P204757)
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C15DE010B2750 EU6C15B27 6LBCSMMS
Description:
Light Source: -
Ballast/Driver:

Summary

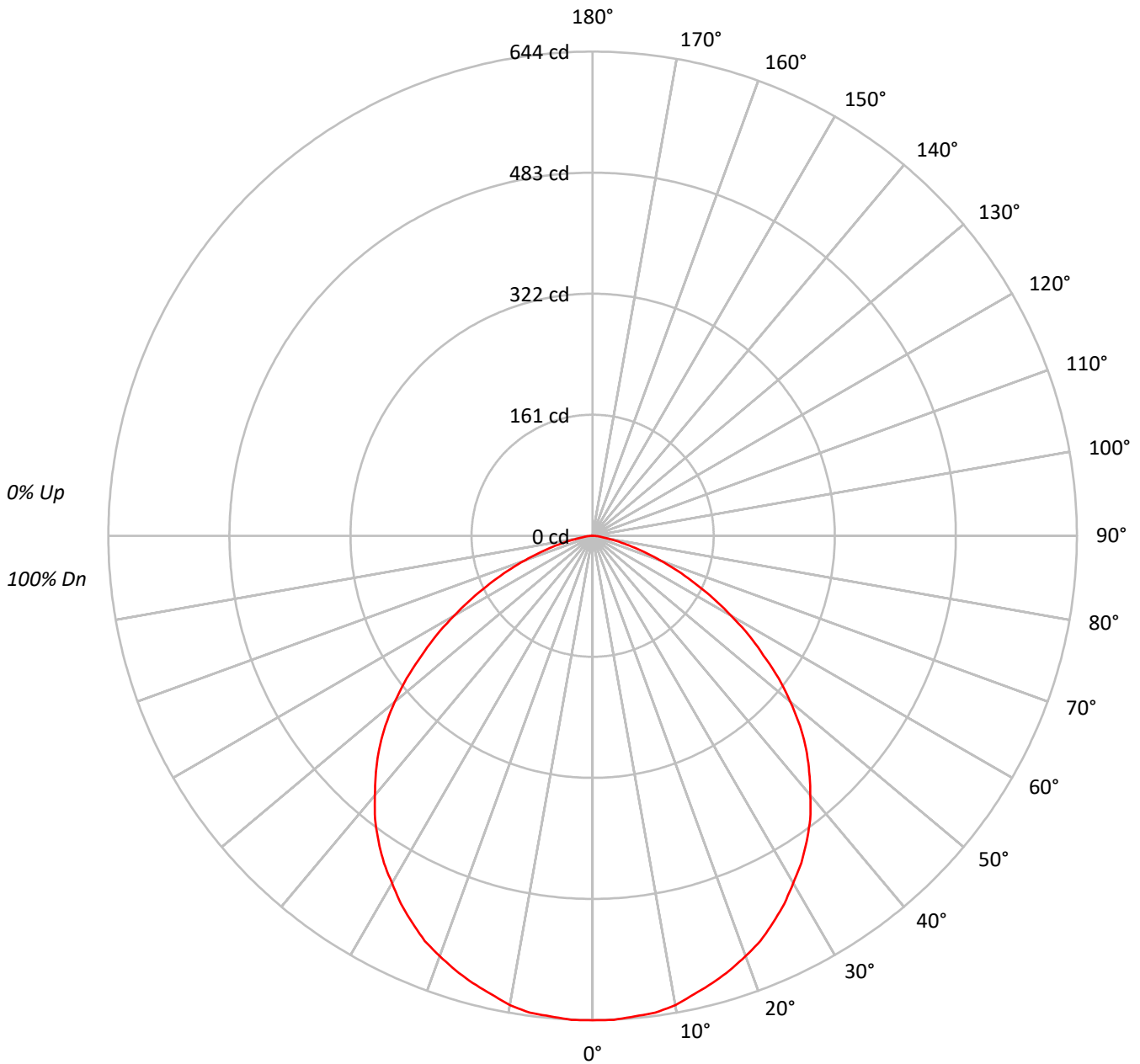
Lumens per Lamp: N/A
Luminaire Lumens: 1578.0 lumens
Efficiency: N/A
Efficacy: 92.8 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 17
Input Voltage (V):
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			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			100
1	110	106	102	99	108	104	100	97	100	97	94	96	93	91	92	90	89	87			87
2	101	94	87	82	99	92	86	81	88	84	79	85	81	78	82	79	76	74			74
3	93	83	75	70	90	81	74	69	79	73	68	76	71	67	73	69	65	63			63
4	85	74	66	60	83	73	65	59	70	64	58	68	62	58	66	61	57	55			55
5	79	66	58	52	77	65	57	51	63	56	51	61	55	50	60	54	50	48			48
6	73	60	52	45	71	59	51	45	57	50	45	56	49	44	54	49	44	42			42
7	68	55	46	40	66	54	46	40	52	45	40	51	44	40	50	44	39	37			37
8	63	50	42	36	61	49	41	36	48	41	36	47	40	36	46	40	35	33			33
9	59	46	38	33	57	45	38	32	44	37	32	43	37	32	42	36	32	30			30
10	55	42	35	30	54	42	34	30	41	34	29	40	34	29	39	33	29	27			27

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	35332
5°	35307
10°	35287
15°	34955
20°	34700
25°	34351
30°	33771
35°	33214
40°	32232
45°	31143
50°	29278
55°	26503
60°	23277
65°	19587
70°	15323
75°	10760
80°	5998
85°	4214



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.1	3.9
10°-20°	173.8	11.0
20°-30°	261.5	16.6
30°-40°	309.9	19.6
40°-50°	308.4	19.5
50°-60°	248.6	15.8
60°-70°	150.4	9.5
70°-80°	55.9	3.5
80°-90°	8.3	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°	496.4	31.5
0°-40°	806.3	51.1
0°-60°	1363.4	86.4
0°-90°	1578.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1578.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	644	
5°	642	61
15°	616	174
25°	568	262
35°	496	310
45°	402	308
55°	277	249
65°	151	150
75°	51	56
85°	7	8
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	644.5
2.5°	644.5
5°	641.6
7.5°	639.8
10°	633.9
12.5°	624.3
15°	615.9
17.5°	606.2
20°	594.8
22.5°	583.3
25°	567.9
27.5°	551.8
30°	533.5
32.5°	516.4
35°	496.3
37.5°	475.3
40°	450.4
42.5°	426.4
45°	401.7
47.5°	373.9
50°	343.3
52.5°	311.7
55°	277.3
57.5°	246.7
60°	212.3
62.5°	181.7
65°	151.0
67.5°	122.4
70°	95.6
72.5°	71.8
75°	50.8
77.5°	32.5
80°	19.0
82.5°	11.4
85°	6.7
87.5°	2.9
90°	0.0



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— 0°-180°







(END OF REPORT)