

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: P844047

Luminaire Tested: **LD6C15DE010B2750 EU6C15B35 6LBCSMMS**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844047
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 EU6C15B35 6LBCSMMS
Description:
Light Source: -
Ballast/Driver:

Summary

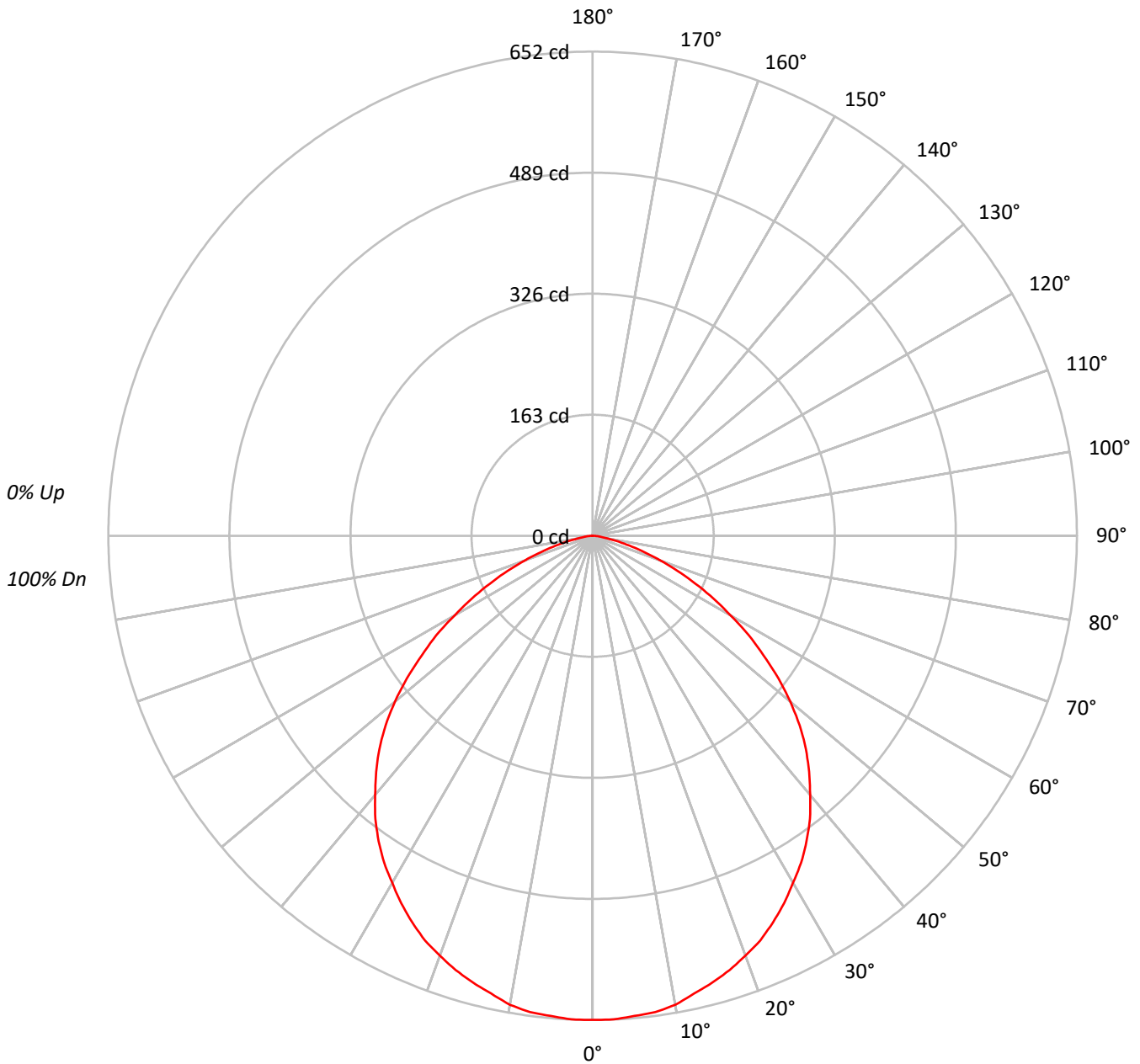
Lumens per Lamp: N/A
Luminaire Lumens: 1595.9 lumens
Efficiency: N/A
Efficacy: 93.9 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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				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°	35737
5°	35714
10°	35693
15°	35352
20°	35096
25°	34750
30°	34157
35°	33602
40°	32597
45°	31492
50°	29611
55°	26809
60°	23529
65°	19808
70°	15515
75°	10866
80°	6061
85°	4277



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.8	3.9
10°-20°	175.8	11.0
20°-30°	264.5	16.6
30°-40°	313.5	19.6
40°-50°	311.9	19.5
50°-60°	251.5	15.8
60°-70°	152.1	9.5
70°-80°	56.5	3.5
80°-90°	8.4	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°	502.1	31.5
0°-40°	815.6	51.1
0°-60°	1379.0	86.4
0°-90°	1595.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1595.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	652	
5°	649	62
15°	623	176
25°	574	264
35°	502	313
45°	406	312
55°	280	251
65°	153	152
75°	51	57
85°	7	8
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	651.9
2.5°	651.9
5°	649.0
7.5°	647.1
10°	641.2
12.5°	631.5
15°	622.9
17.5°	613.2
20°	601.6
22.5°	589.9
25°	574.5
27.5°	558.0
30°	539.6
32.5°	522.3
35°	502.1
37.5°	480.7
40°	455.5
42.5°	431.3
45°	406.2
47.5°	378.1
50°	347.2
52.5°	315.3
55°	280.5
57.5°	249.5
60°	214.6
62.5°	183.8
65°	152.7
67.5°	123.7
70°	96.8
72.5°	72.6
75°	51.3
77.5°	32.9
80°	19.2
82.5°	11.5
85°	6.8
87.5°	2.9
90°	0.0



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— 0°-180°







(END OF REPORT)