

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: P844080

Luminaire Tested: **LD6C15DE010B50 EU6C15B50 6LBCSMB**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844080
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: LD6C15DE010B50 EU6C15B50 6LBCSMB
Description:
Light Source: -
Ballast/Driver:

Summary

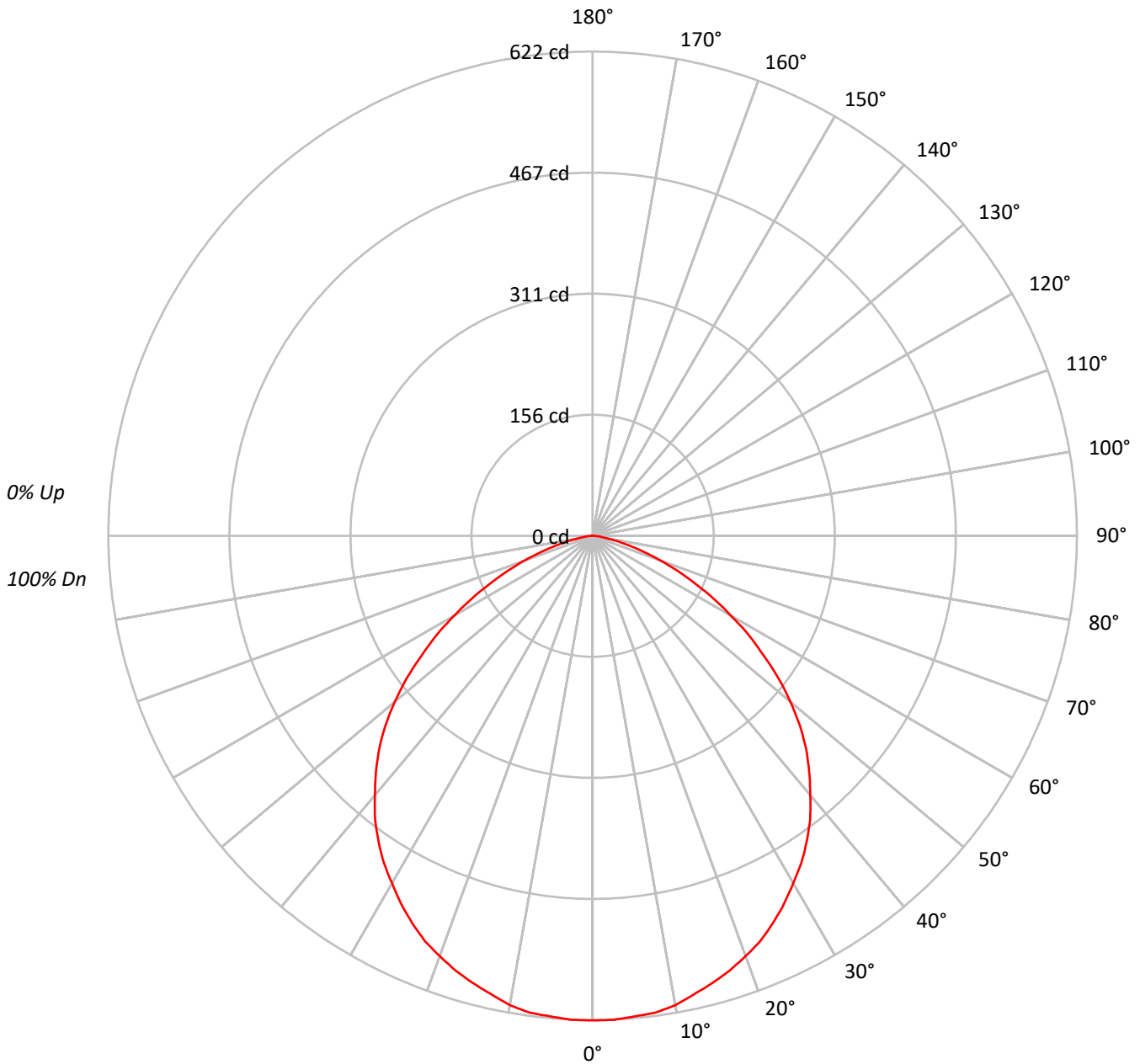
Lumens per Lamp: N/A
Luminaire Lumens: 1524.0 lumens
Efficiency: N/A
Efficacy: 89.6 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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°	34126
5°	34102
10°	34084
15°	33757
20°	33515
25°	33183
30°	32619
35°	32083
40°	31130
45°	30073
50°	28281
55°	25605
60°	22476
65°	18913
70°	14810
75°	10379
80°	5809
85°	4088



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.0	3.9
10°-20°	167.9	11.0
20°-30°	252.6	16.6
30°-40°	299.4	19.6
40°-50°	297.9	19.5
50°-60°	240.1	15.8
60°-70°	145.2	9.5
70°-80°	54.0	3.5
80°-90°	8.0	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°	479.5	31.5
0°-40°	778.8	51.1
0°-60°	1316.8	86.4
0°-90°	1524.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1524.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	622	
5°	620	59
15°	595	168
25°	549	253
35°	479	299
45°	388	298
55°	268	240
65°	146	145
75°	49	54
85°	6	8
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	622.5
2.5°	622.5
5°	619.7
7.5°	617.9
10°	612.3
12.5°	603.1
15°	594.8
17.5°	585.6
20°	574.5
22.5°	563.3
25°	548.6
27.5°	532.8
30°	515.3
32.5°	498.8
35°	479.4
37.5°	459.0
40°	435.0
42.5°	411.8
45°	387.9
47.5°	361.1
50°	331.6
52.5°	301.0
55°	267.9
57.5°	238.3
60°	205.0
62.5°	175.5
65°	145.8
67.5°	118.1
70°	92.4
72.5°	69.3
75°	49.0
77.5°	31.4
80°	18.4
82.5°	11.1
85°	6.5
87.5°	2.7
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)