

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: P844014

Luminaire Tested: **LD6C15DE010B2750 EU6C15B27 6LBCSMW**

Issue Date: 5/7/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P844014  
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 6LBCSMW  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

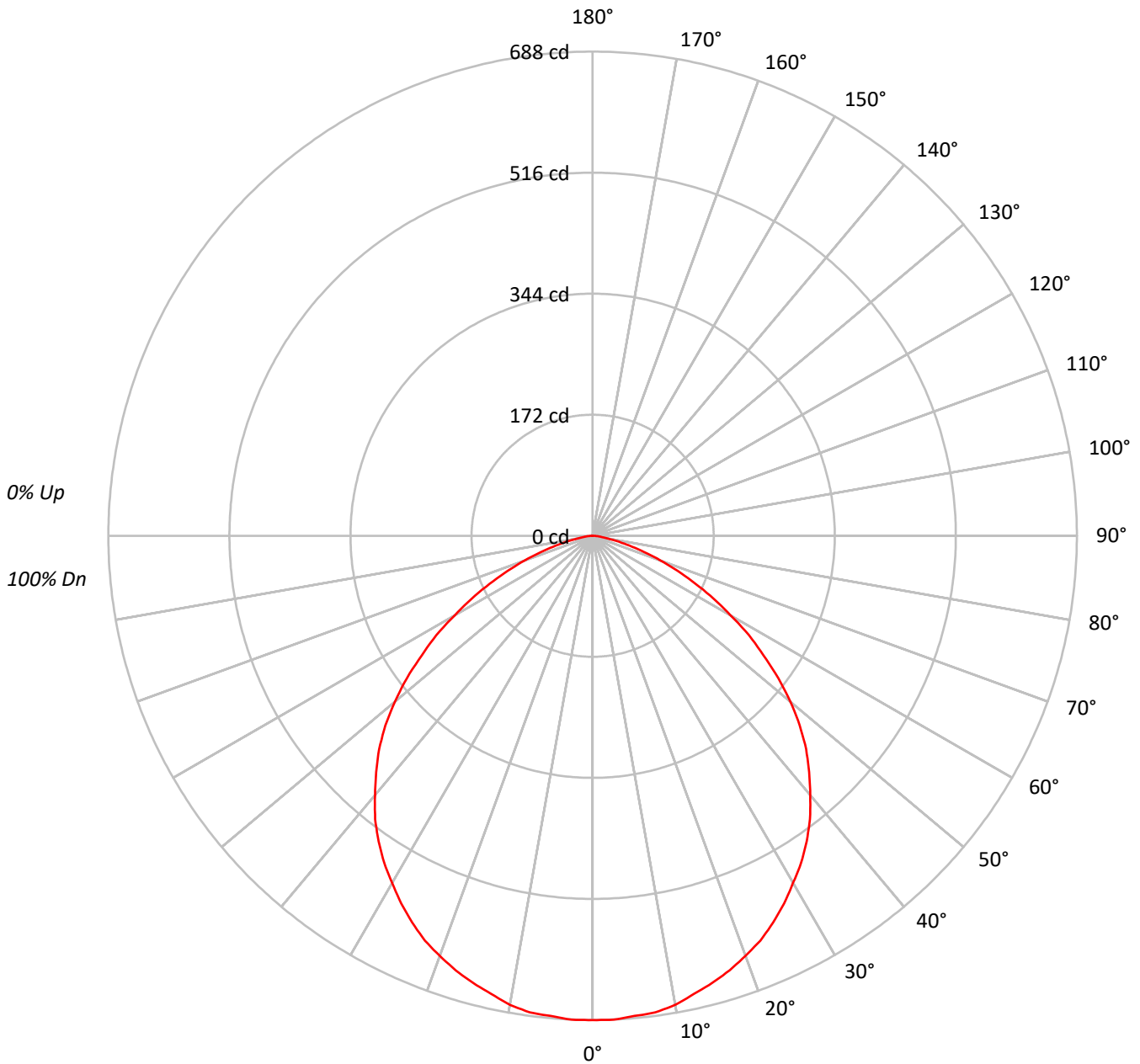
Lumens per Lamp: N/A  
Luminaire Lumens: 1684.9 lumens  
Efficiency: N/A  
Efficacy: 99.1 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

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°	37727
5°	37695
10°	37680
15°	37321
20°	37051
25°	36680
30°	36056
35°	35469
40°	34414
45°	33252
50°	31265
55°	28300
60°	24834
65°	20923
70°	16381
75°	11480
80°	6440
85°	4466



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	65.2	3.9
10°-20°	185.6	11.0
20°-30°	279.2	16.6
30°-40°	330.9	19.6
40°-50°	329.3	19.5
50°-60°	265.5	15.8
60°-70°	160.6	9.5
70°-80°	59.7	3.5
80°-90°	8.9	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°	530.0	31.5
0°-40°	861.0	51.1
0°-60°	1455.7	86.4
0°-90°	1684.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1684.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	688	
5°	685	65
15°	658	186
25°	606	279
35°	530	331
45°	429	329
55°	296	265
65°	161	161
75°	54	60
85°	7	9
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	688.2
2.5°	688.2
5°	685.0
7.5°	683.1
10°	676.9
12.5°	666.6
15°	657.6
17.5°	647.4
20°	635.1
22.5°	622.7
25°	606.4
27.5°	589.1
30°	569.6
32.5°	551.3
35°	530.0
37.5°	507.5
40°	480.9
42.5°	455.3
45°	428.9
47.5°	399.2
50°	366.6
52.5°	332.8
55°	296.1
57.5°	263.4
60°	226.5
62.5°	194.0
65°	161.3
67.5°	130.6
70°	102.2
72.5°	76.7
75°	54.2
77.5°	34.7
80°	20.4
82.5°	12.3
85°	7.1
87.5°	3.1
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG







— 0°-180°







(END OF REPORT)