

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: P844029

Luminaire Tested: **LD6C15DE010B2750 EU6C15B30 6LBCSMB**

Issue Date: 5/7/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P844029  
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 EU6C15B30 6LBCSMB  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

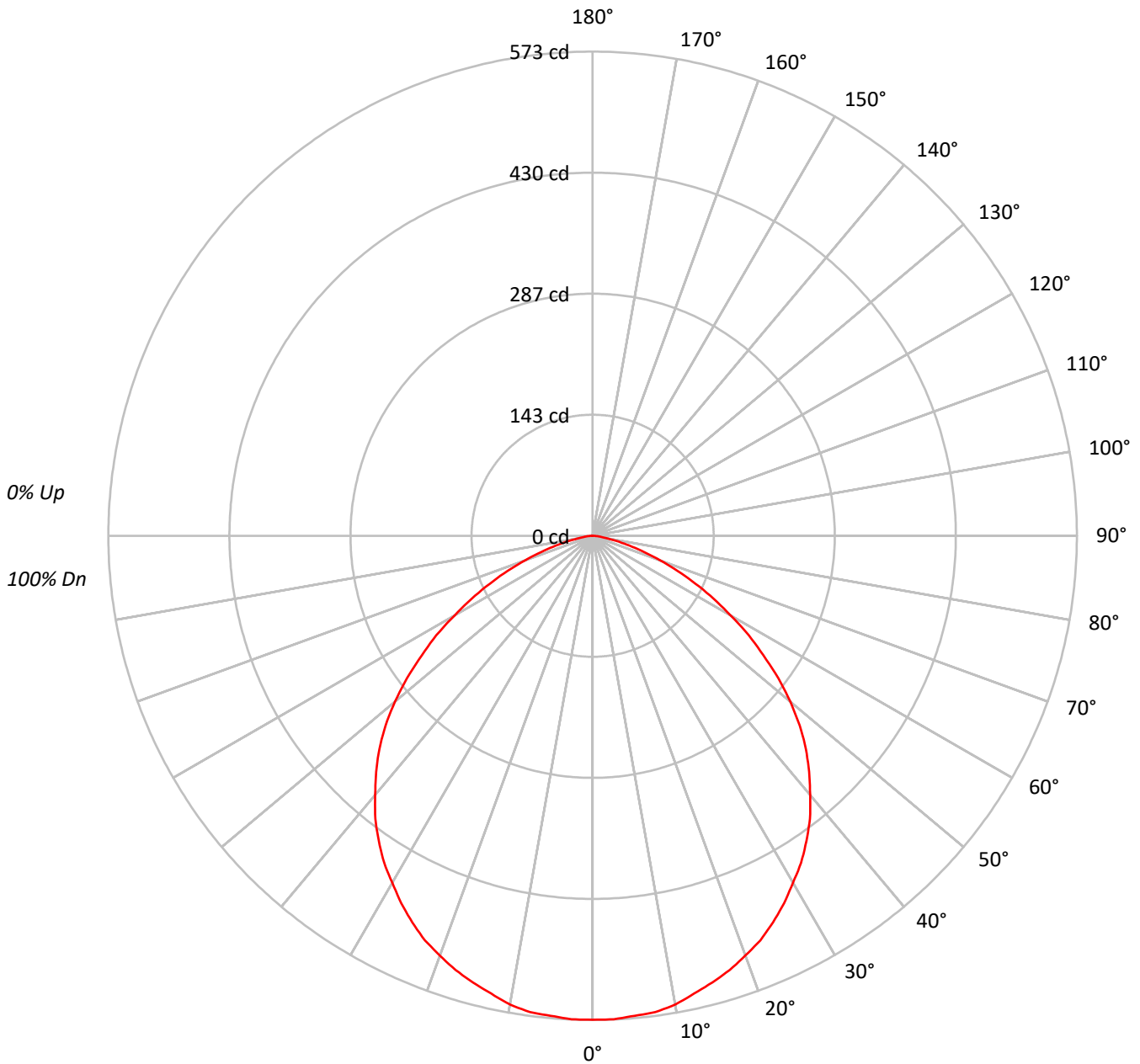
Lumens per Lamp: N/A  
Luminaire Lumens: 1402.4 lumens  
Efficiency: N/A  
Efficacy: 82.5 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

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°	31401
5°	31378
10°	31362
15°	31061
20°	30838
25°	30534
30°	30011
35°	29520
40°	28647
45°	27677
50°	26020
55°	23559
60°	20678
65°	17408
70°	13624
75°	9553
80°	5335
85°	3711



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	54.3	3.9
10°-20°	154.5	11.0
20°-30°	232.4	16.6
30°-40°	275.5	19.6
40°-50°	274.1	19.5
50°-60°	221.0	15.8
60°-70°	133.6	9.5
70°-80°	49.7	3.5
80°-90°	7.4	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°	441.2	31.5
0°-40°	716.6	51.1
0°-60°	1211.7	86.4
0°-90°	1402.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1402.4	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	573	
5°	570	54
15°	547	155
25°	505	232
35°	441	275
45°	357	274
55°	246	221
65°	134	134
75°	45	50
85°	6	7
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	572.8
2.5°	572.8
5°	570.2
7.5°	568.6
10°	563.4
12.5°	554.9
15°	547.3
17.5°	538.9
20°	528.6
22.5°	518.3
25°	504.8
27.5°	490.3
30°	474.1
32.5°	459.0
35°	441.1
37.5°	422.4
40°	400.3
42.5°	379.0
45°	357.0
47.5°	332.3
50°	305.1
52.5°	277.0
55°	246.5
57.5°	219.2
60°	188.6
62.5°	161.5
65°	134.2
67.5°	108.7
70°	85.0
72.5°	63.8
75°	45.1
77.5°	28.9
80°	16.9
82.5°	10.2
85°	5.9
87.5°	2.5
90°	0.0



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— 0°-180°







(END OF REPORT)