

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: P843945

Luminaire Tested: **LD6C10DE010B2750 EU6C10B30 6LBCSMMS**

Issue Date: 5/7/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P843945  
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: LD6C10DE010B2750 EU6C10B30 6LBCSMMS  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

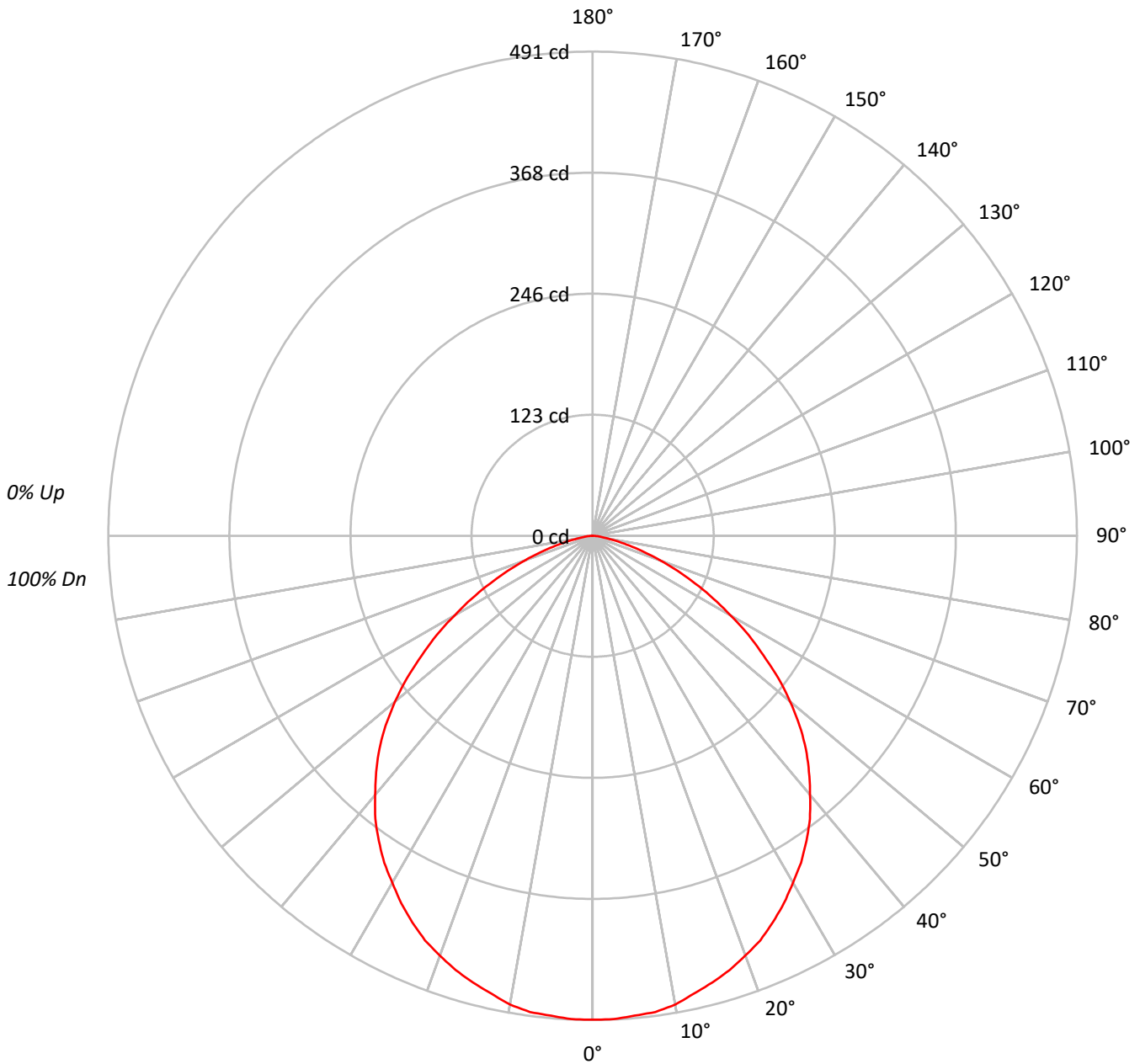
Lumens per Lamp: N/A  
Luminaire Lumens: 1201.5 lumens  
Efficiency: N/A  
Efficacy: 90.3 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.23 / 1.33  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

Input Watts (W): 13.3  
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°	26900
5°	26882
10°	26870
15°	26618
20°	26421
25°	26161
30°	25713
35°	25290
40°	24546
45°	23716
50°	22294
55°	20186
60°	17718
65°	14917
70°	11685
75°	8176
80°	4578
85°	3208



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	46.5	3.9
10°-20°	132.4	11.0
20°-30°	199.1	16.6
30°-40°	236.0	19.6
40°-50°	234.8	19.5
50°-60°	189.3	15.8
60°-70°	114.5	9.5
70°-80°	42.5	3.5
80°-90°	6.3	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°	378.0	31.5
0°-40°	614.0	51.1
0°-60°	1038.1	86.4
0°-90°	1201.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1201.5	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	491	
5°	488	46
15°	469	132
25°	432	199
35°	378	236
45°	306	235
55°	211	189
65°	115	115
75°	39	43
85°	5	6
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	490.7
2.5°	490.7
5°	488.5
7.5°	487.1
10°	482.7
12.5°	475.4
15°	469.0
17.5°	461.7
20°	452.9
22.5°	444.1
25°	432.5
27.5°	420.1
30°	406.2
32.5°	393.2
35°	377.9
37.5°	361.9
40°	343.0
42.5°	324.7
45°	305.9
47.5°	284.6
50°	261.4
52.5°	237.3
55°	211.2
57.5°	187.8
60°	161.6
62.5°	138.3
65°	115.0
67.5°	93.2
70°	72.9
72.5°	54.7
75°	38.6
77.5°	24.7
80°	14.5
82.5°	8.7
85°	5.1
87.5°	2.1
90°	0.0



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— 0°-180°







(END OF REPORT)