

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: P844345

Luminaire Tested: **LD6C30DE010B50 EU6C30B50 6LBMMW**

Issue Date: 5/7/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P844345  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P203577)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LD6C30DE010B50 EU6C30B50 6LBMMW  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

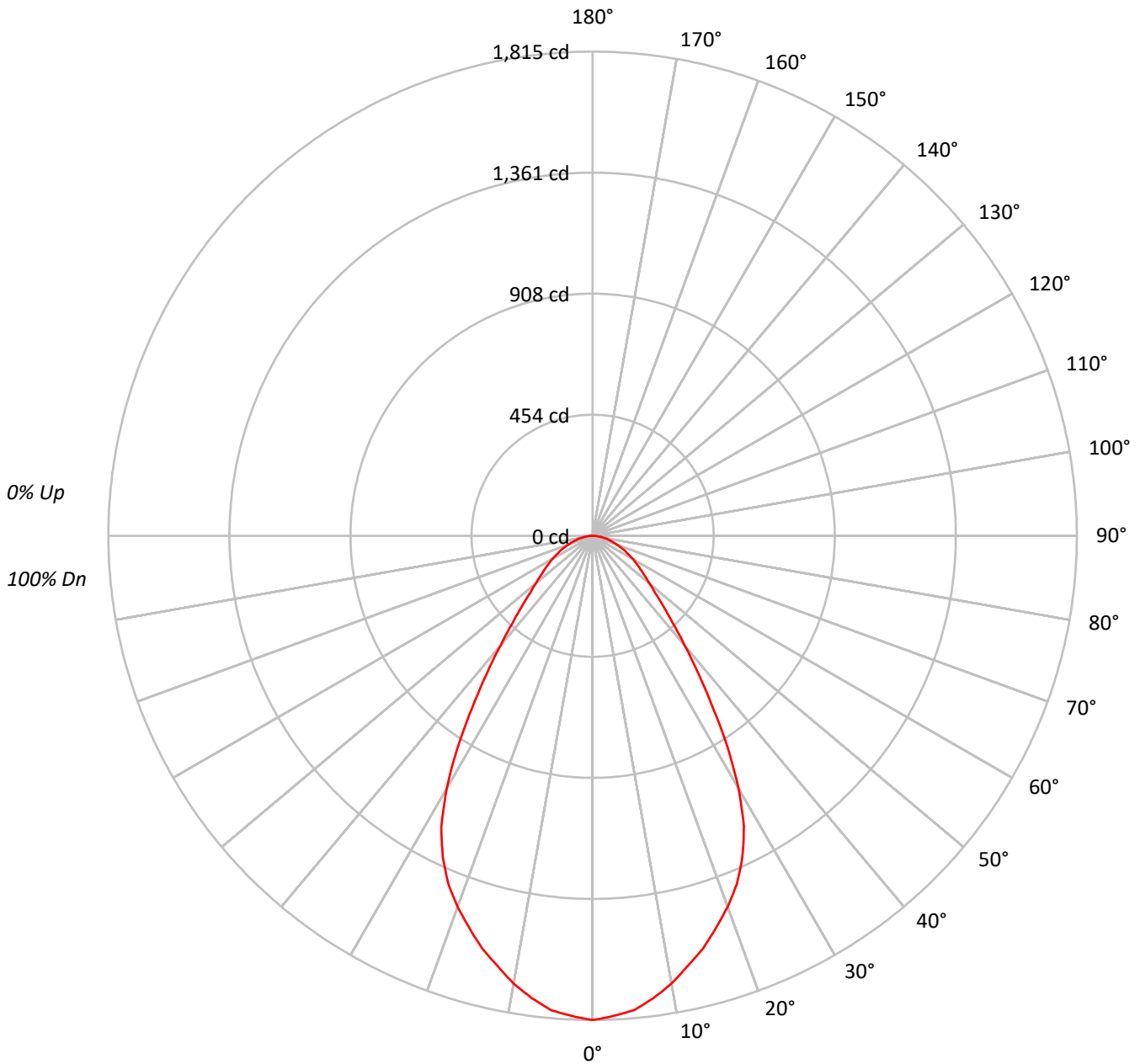
Lumens per Lamp: N/A  
Luminaire Lumens: 2432.5 lumens  
Efficiency: N/A  
Efficacy: 71.3 lumens/watt  
Spacing Criteria (0/90/45): 1 / 1 / 0.97  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

Input Watts (W): 34.1  
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			
1	111	108	104	101	109	105	103	100	101	99	97	98	96	94	94	92	91	89			
2	104	97	92	88	101	96	91	87	92	88	85	89	86	83	86	83	81	79			
3	97	88	82	77	95	87	81	76	84	79	75	82	77	74	79	76	73	71			
4	90	81	74	68	88	80	73	68	77	72	67	75	70	66	73	69	65	64			
5	85	74	67	61	83	73	66	61	71	65	61	69	64	60	68	63	59	58			
6	79	68	61	56	78	68	61	56	66	60	55	64	59	55	63	58	54	53			
7	75	63	56	51	73	63	56	51	61	55	50	60	54	50	59	54	50	48			
8	70	59	52	47	69	58	51	47	57	51	46	56	50	46	55	50	46	44			
9	66	55	48	43	65	54	48	43	53	47	43	52	47	43	51	46	43	41			
10	63	51	45	40	62	51	44	40	50	44	40	49	44	40	48	43	40	38			

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	99504
5°	98222
10°	94877
15°	90829
20°	86318
25°	80364
30°	69232
35°	52541
40°	38408
45°	29135
50°	23752
55°	20845
60°	19121
65°	17408
70°	15596
75°	14212
80°	12723
85°	10504



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	167.7	6.9
10°-20°	449.1	18.5
20°-30°	603.0	24.8
30°-40°	494.7	20.3
40°-50°	297.1	12.2
50°-60°	197.4	8.1
60°-70°	132.3	5.4
70°-80°	71.2	2.9
80°-90°	20.1	0.8
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°	1219.8	50.1
0°-40°	1714.5	70.5
0°-60°	2209.0	90.8
0°-90°	2432.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2432.5	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1815	
5°	1785	168
15°	1600	449
25°	1329	603
35°	785	495
45°	376	297
55°	218	197
65°	134	132
75°	67	71
85°	17	20
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1815.1
2.5°	1801.7
5°	1784.9
7.5°	1748.0
10°	1704.4
12.5°	1650.6
15°	1600.4
17.5°	1539.9
20°	1479.6
22.5°	1412.6
25°	1328.6
27.5°	1227.9
30°	1093.7
32.5°	942.8
35°	785.1
37.5°	650.9
40°	536.7
42.5°	446.2
45°	375.8
47.5°	318.8
50°	278.5
52.5°	244.9
55°	218.1
57.5°	194.6
60°	174.4
62.5°	151.0
65°	134.2
67.5°	114.1
70°	97.3
72.5°	80.5
75°	67.1
77.5°	53.6
80°	40.3
82.5°	30.1
85°	16.7
87.5°	6.8
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG







— 0°-180°







(END OF REPORT)