

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: P844341

Luminaire Tested: **LD6C30DE010B50 EU6C30B50 6LBMB**

Issue Date: 5/7/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P844341  
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 6LBMB  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

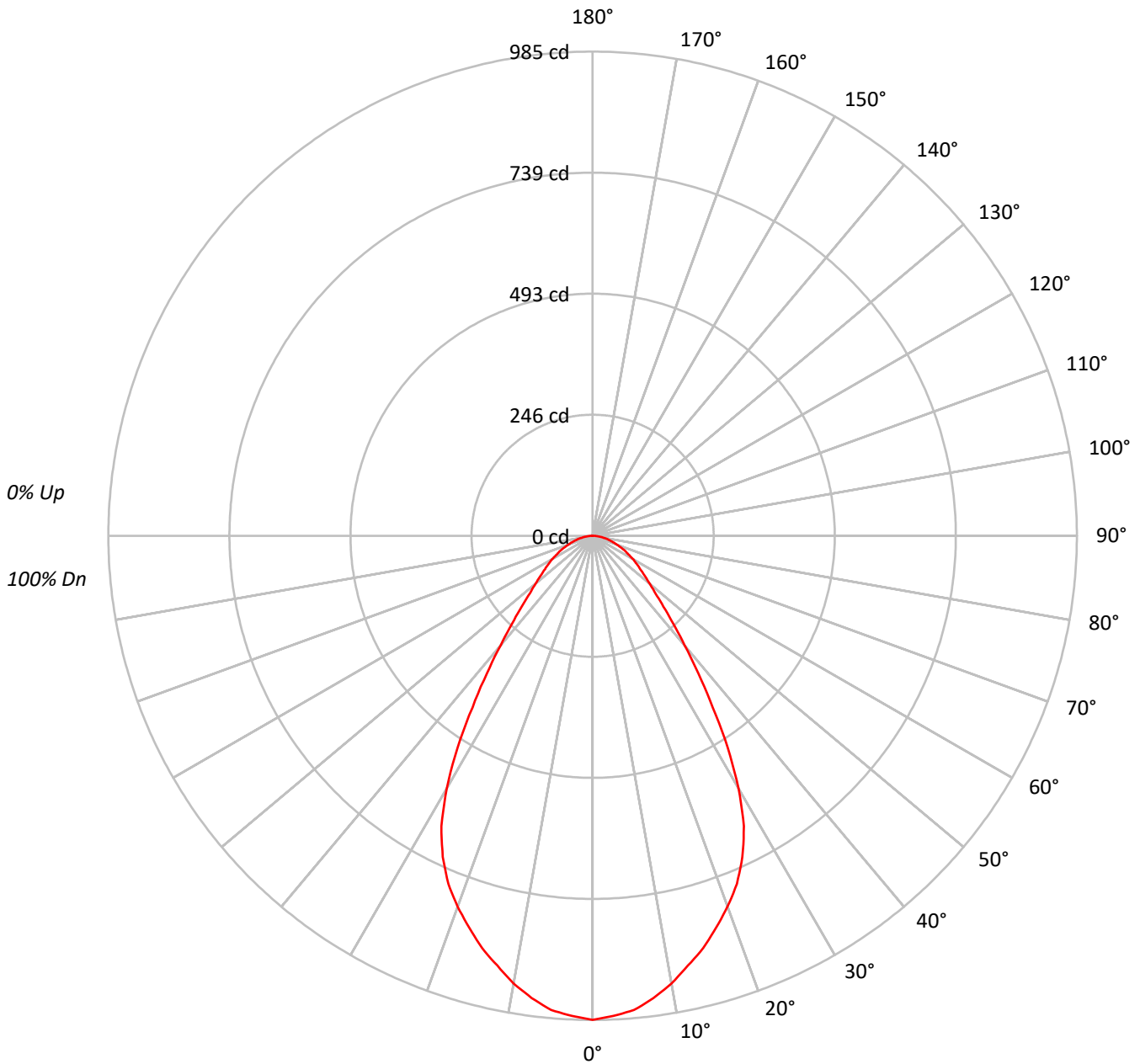
Lumens per Lamp: N/A  
Luminaire Lumens: 1320.0 lumens  
Efficiency: N/A  
Efficacy: 38.7 lumens/watt  
Spacing Criteria (0/90/45): 1 / 1 / 0.97  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

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°	53992
5°	53296
10°	51480
15°	49285
20°	46834
25°	43605
30°	37563
35°	28509
40°	20846
45°	15808
50°	12887
55°	11307
60°	10383
65°	9456
70°	8463
75°	7710
80°	6914
85°	5724



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	91.0	6.9
10°-20°	243.7	18.5
20°-30°	327.2	24.8
30°-40°	268.4	20.3
40°-50°	161.2	12.2
50°-60°	107.1	8.1
60°-70°	71.8	5.4
70°-80°	38.6	2.9
80°-90°	10.9	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°	661.9	50.1
0°-40°	930.3	70.5
0°-60°	1198.6	90.8
0°-90°	1320.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1320.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	985	
5°	968	91
15°	868	244
25°	721	327
35°	426	268
45°	204	161
55°	118	107
65°	73	72
75°	36	39
85°	9	11
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	984.9
2.5°	977.6
5°	968.5
7.5°	948.5
10°	924.8
12.5°	895.7
15°	868.4
17.5°	835.6
20°	802.8
22.5°	766.5
25°	720.9
27.5°	666.3
30°	593.4
32.5°	511.6
35°	426.0
37.5°	353.1
40°	291.3
42.5°	242.1
45°	203.9
47.5°	172.9
50°	151.1
52.5°	132.9
55°	118.3
57.5°	105.6
60°	94.7
62.5°	82.0
65°	72.9
67.5°	61.9
70°	52.8
72.5°	43.7
75°	36.4
77.5°	29.1
80°	21.9
82.5°	16.4
85°	9.1
87.5°	3.6
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG







— 0°-180°







(END OF REPORT)