

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: P843916

Luminaire Tested: **LD6C08DE010B50 EU6C08B50 6LBMB**

Issue Date: 5/7/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P843916  
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: LD6C08DE010B50 EU6C08B50 6LBMB  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

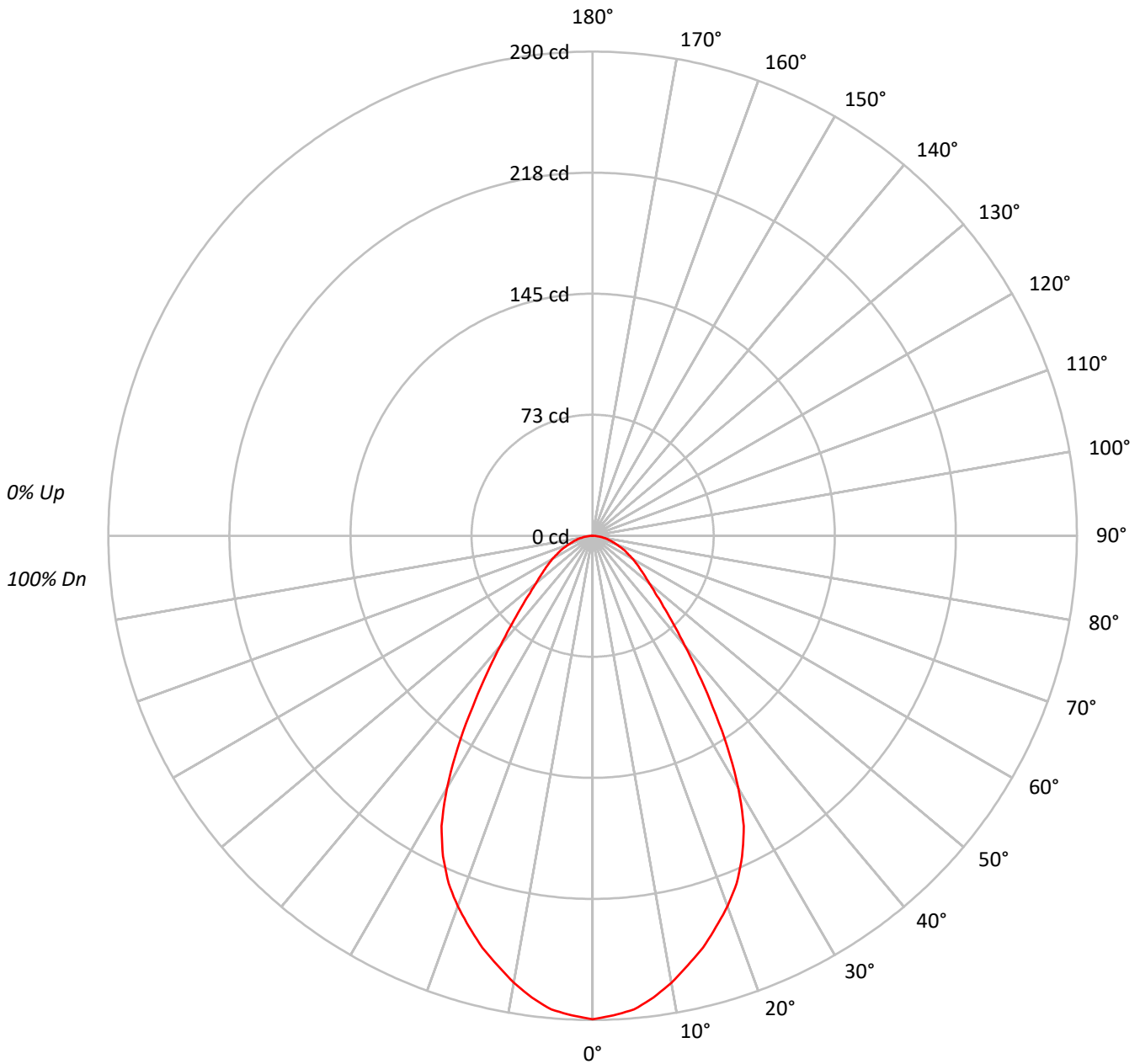
Lumens per Lamp: N/A  
Luminaire Lumens: 388.2 lumens  
Efficiency: N/A  
Efficacy: 40.4 lumens/watt  
Spacing Criteria (0/90/45): 1 / 1 / 0.97  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

Input Watts (W): 9.6  
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	111	108	104	101	109	105	103	100	101	99	97	98	96	94	94	92	91	89			89
2	104	97	92	88	101	96	91	87	92	88	85	89	86	83	86	83	81	79			79
3	97	88	82	77	95	87	81	76	84	79	75	82	77	74	79	76	73	71			71
4	90	81	74	68	88	80	73	68	77	72	67	75	70	66	73	69	65	64			64
5	85	74	67	61	83	73	66	61	71	65	61	69	64	60	68	63	59	58			58
6	79	68	61	56	78	68	61	56	66	60	55	64	59	55	63	58	54	53			53
7	75	63	56	51	73	63	56	51	61	55	50	60	54	50	59	54	50	48			48
8	70	59	52	47	69	58	51	47	57	51	46	56	50	46	55	50	46	44			44
9	66	55	48	43	65	54	48	43	53	47	43	52	47	43	51	46	43	41			41
10	63	51	45	40	62	51	44	40	50	44	40	49	44	40	48	43	40	38			38

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

	0°
0°	15876
5°	15672
10°	15136
15°	14495
20°	13774
25°	12817
30°	11046
35°	8385
40°	6133
45°	4652
50°	3787
55°	3326
60°	3048
65°	2789
70°	2484
75°	2266
80°	2052
85°	1635



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	26.8	6.9
10°-20°	71.7	18.5
20°-30°	96.2	24.8
30°-40°	78.9	20.3
40°-50°	47.4	12.2
50°-60°	31.5	8.1
60°-70°	21.1	5.4
70°-80°	11.4	2.9
80°-90°	3.2	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°	194.6	50.1
0°-40°	273.6	70.5
0°-60°	352.5	90.8
0°-90°	388.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	388.2	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	290	
5°	285	27
15°	255	72
25°	212	96
35°	125	79
45°	60	47
55°	35	32
65°	22	21
75°	11	11
85°	3	3
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	289.6
2.5°	287.5
5°	284.8
7.5°	278.9
10°	271.9
12.5°	263.4
15°	255.4
17.5°	245.7
20°	236.1
22.5°	225.4
25°	211.9
27.5°	196.0
30°	174.5
32.5°	150.4
35°	125.3
37.5°	103.9
40°	85.7
42.5°	71.2
45°	60.0
47.5°	50.9
50°	44.4
52.5°	39.1
55°	34.8
57.5°	31.1
60°	27.8
62.5°	24.1
65°	21.5
67.5°	18.2
70°	15.5
72.5°	12.8
75°	10.7
77.5°	8.6
80°	6.5
82.5°	4.9
85°	2.6
87.5°	1.1
90°	0.0



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— 0°-180°







(END OF REPORT)