

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: P843920

Luminaire Tested: **LD6C08DE010B50 EU6C08B50 6LBMMW**

Issue Date: 5/7/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P843920  
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 6LBMMW  
Description:  
Light Source: -  
Ballast/Driver:

**Summary**

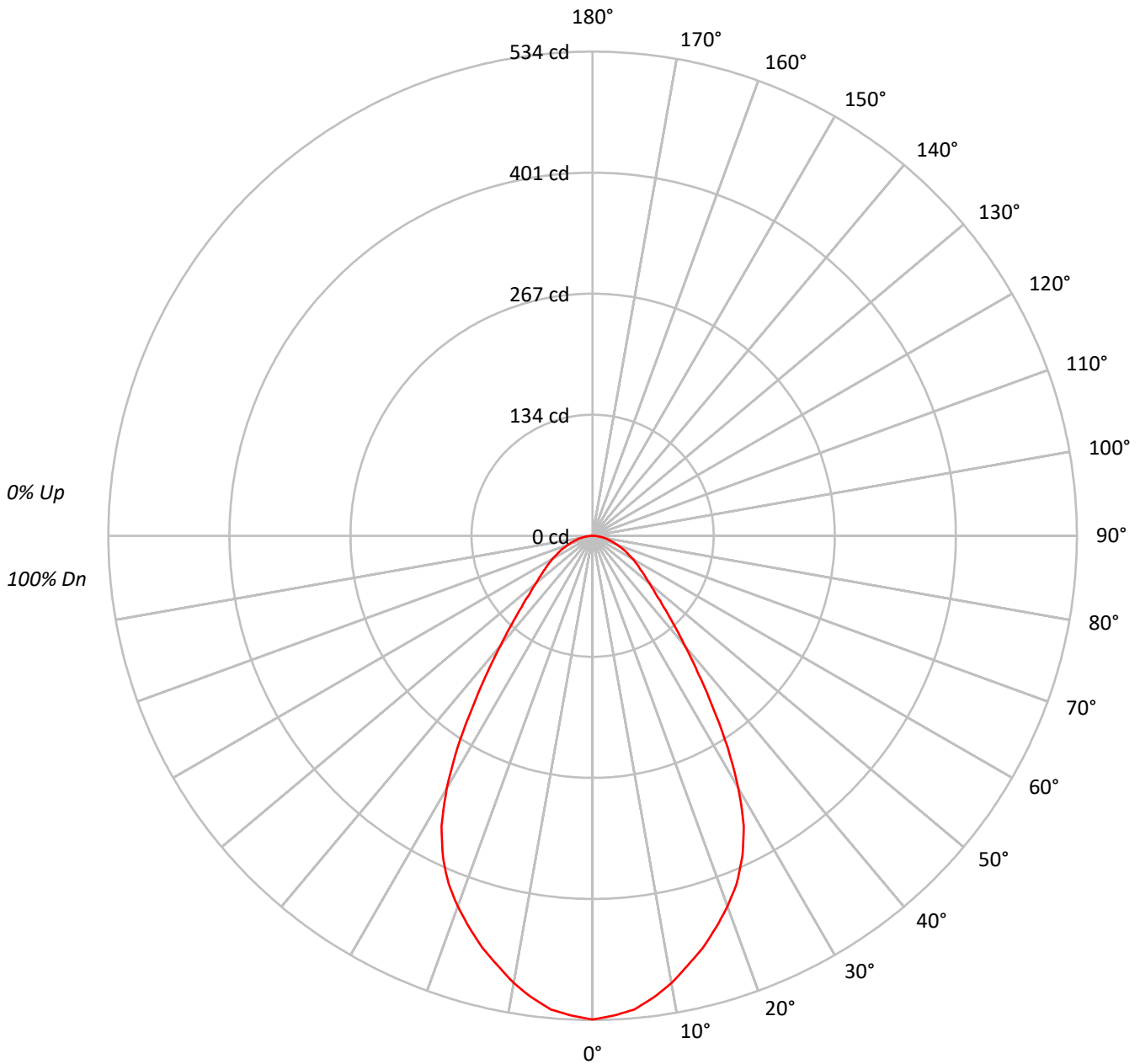
Lumens per Lamp: N/A  
Luminaire Lumens: 715.0 lumens  
Efficiency: N/A  
Efficacy: 74.5 lumens/watt  
Spacing Criteria (0/90/45): 1 / 1 / 0.97  
Luminous Opening: Circular (Dia: 0.5' x H: 0')  
CIE Type: Direct

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			
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°	29247
5°	28869
10°	27883
15°	26691
20°	25371
25°	23620
30°	20345
35°	15446
40°	11293
45°	8559
50°	6985
55°	6126
60°	5625
65°	5111
70°	4584
75°	4173
80°	3725
85°	3145



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	49.3	6.9
10°-20°	132.0	18.5
20°-30°	177.2	24.8
30°-40°	145.4	20.3
40°-50°	87.3	12.2
50°-60°	58.0	8.1
60°-70°	38.9	5.4
70°-80°	20.9	2.9
80°-90°	5.9	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°	358.5	50.1
0°-40°	503.9	70.5
0°-60°	649.2	90.8
0°-90°	715.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	715.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	534	
5°	525	49
15°	470	132
25°	390	177
35°	231	145
45°	110	87
55°	64	58
65°	39	39
75°	20	21
85°	5	6
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	533.5
2.5°	529.6
5°	524.6
7.5°	513.8
10°	500.9
12.5°	485.1
15°	470.3
17.5°	452.7
20°	434.9
22.5°	415.1
25°	390.5
27.5°	360.9
30°	321.4
32.5°	277.1
35°	230.8
37.5°	191.3
40°	157.8
42.5°	131.1
45°	110.4
47.5°	93.7
50°	81.9
52.5°	72.0
55°	64.1
57.5°	57.2
60°	51.3
62.5°	44.4
65°	39.4
67.5°	33.5
70°	28.6
72.5°	23.7
75°	19.7
77.5°	15.8
80°	11.8
82.5°	8.9
85°	5.0
87.5°	2.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG







— 0°-180°







(END OF REPORT)