

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: P858210

Luminaire Tested: **LX4C45D010 EX4C459827 4LBMH**

Issue Date: 2/8/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P858210  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P206636)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/8/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LX4C45D010 EX4C459827 4LBMH  
Description:  
Light Source: -  
Ballast/Driver: -

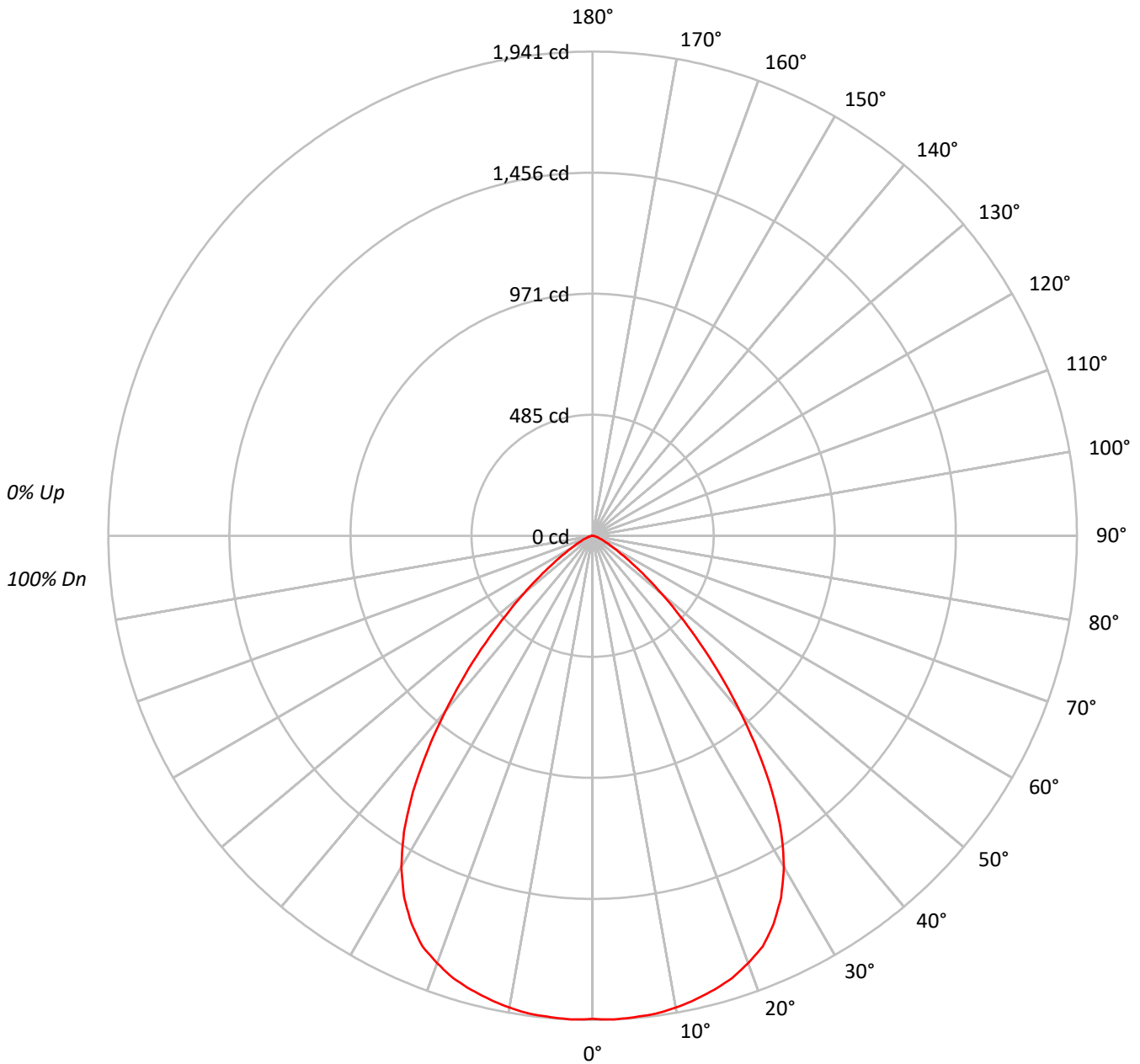
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3005.1 lumens  
Efficiency: N/A  
Efficacy: 60.6 lumens/watt  
Spacing Criteria (0/90/45): 1.18 / 1.18 / 1.13  
Luminous Opening: Circular (Dia: 0.33' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 49.6  
Input Voltage (V):  
Input Current (A<sub>in</sub>): 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	112	109	106	104	110	107	104	102	103	101	99	99	97	96	96	94	93	91			91
2	105	100	95	91	103	98	93	90	95	91	88	91	88	86	89	86	84	82			82
3	99	91	85	80	97	90	84	80	87	82	78	84	80	77	82	79	76	74			74
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67			67
5	87	77	70	65	85	76	69	64	74	68	64	72	67	63	70	66	62	61			61
6	81	71	64	58	80	70	63	58	68	62	58	67	61	57	65	61	57	55			55
7	76	65	58	53	75	65	58	53	63	57	53	62	56	52	61	56	52	50			50
8	72	60	53	49	70	60	53	49	59	53	48	58	52	48	57	52	48	46			46
9	68	56	49	45	66	56	49	45	55	49	44	54	48	44	53	48	44	43			43
10	64	52	46	41	63	52	46	41	51	45	41	50	45	41	49	44	41	39			39

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

	0°
0°	237967
5°	238876
10°	239605
15°	239621
20°	238296
25°	232719
30°	217512
35°	188355
40°	147143
45°	105565
50°	68576
55°	41039
60°	24006
65°	15436
70°	10237
75°	7737
80°	5801
85°	0



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	184.5	6.1
10°-20°	531.5	17.7
20°-30°	784.3	26.1
30°-40°	774.0	25.8
40°-50°	473.6	15.8
50°-60°	181.5	6.0
60°-70°	56.8	1.9
70°-80°	16.6	0.6
80°-90°	2.2	0.1
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°	1500.3	49.9
0°-40°	2274.3	75.7
0°-60°	2929.5	97.5
0°-90°	3005.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3005.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1937	
5°	1937	184
15°	1884	532
25°	1717	784
35°	1256	774
45°	608	474
55°	192	182
65°	53	57
75°	16	17
85°	0	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1937.0
2.5°	1941.1
5°	1937.0
7.5°	1932.9
10°	1920.7
12.5°	1904.3
15°	1884.0
17.5°	1859.5
20°	1822.7
22.5°	1782.1
25°	1716.8
27.5°	1635.1
30°	1533.3
32.5°	1406.9
35°	1255.9
37.5°	1088.7
40°	917.5
42.5°	758.5
45°	607.6
47.5°	472.9
50°	358.8
52.5°	265.1
55°	191.6
57.5°	134.5
60°	97.7
62.5°	73.5
65°	53.1
67.5°	40.8
70°	28.5
72.5°	20.4
75°	16.3
77.5°	8.2
80°	8.2
82.5°	4.1
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG







— 0°-180°







(END OF REPORT)