

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: P858878

Luminaire Tested: **LX4C05D010 EX4C059830 4LBSLI**

Issue Date: 2/9/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P858878  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P208407)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/9/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LX4C05D010 EX4C059830 4LBSLI  
Description:  
Light Source: -  
Ballast/Driver: -

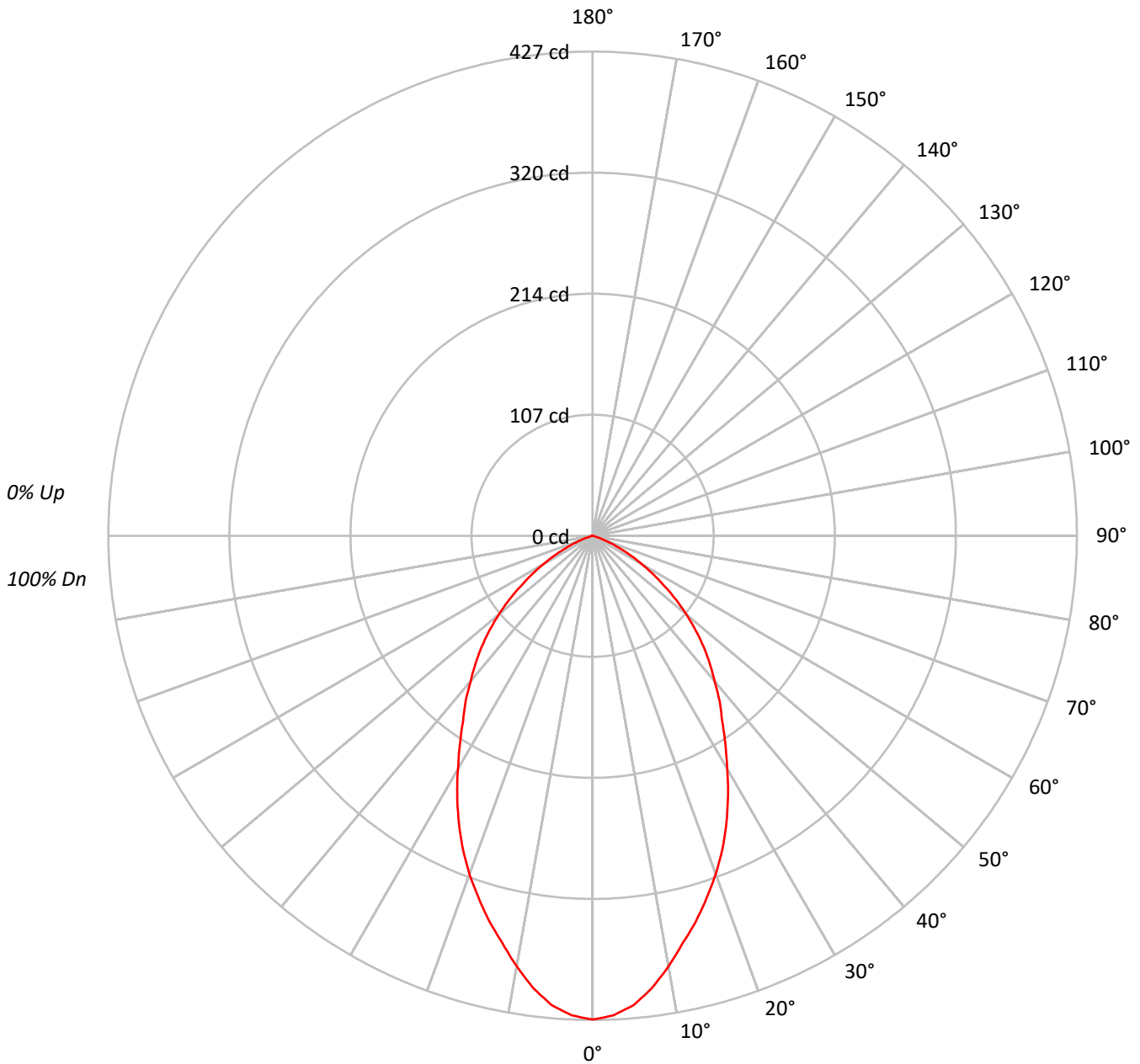
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 597.4 lumens  
Efficiency: N/A  
Efficacy: 83.0 lumens/watt  
Spacing Criteria (0/90/45): 0.91 / 0.91 / 1  
Luminous Opening: Circular (Dia: 0.33' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 7.2  
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			
1	112	108	105	102	109	106	103	101	102	100	98	98	96	95	95	93	92	90			
2	104	98	93	88	102	96	91	87	93	89	85	90	86	84	87	84	82	80			
3	97	89	82	77	95	87	81	77	84	79	75	82	78	74	79	76	73	71			
4	90	81	73	68	88	79	73	68	77	71	67	75	70	66	73	69	65	63			
5	84	73	66	61	82	72	65	60	70	64	60	69	63	59	67	62	59	57			
6	79	67	60	54	77	66	59	54	65	58	54	63	58	53	62	57	53	51			
7	74	62	54	49	72	61	54	49	60	53	49	58	53	48	57	52	48	46			
8	69	57	50	45	68	57	50	45	55	49	45	54	49	44	53	48	44	42			
9	65	53	46	41	64	53	46	41	52	45	41	51	45	41	50	44	41	39			
10	61	50	43	38	60	49	42	38	48	42	38	47	42	38	46	41	37	36			

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

	0°
0°	52409
5°	51228
10°	48103
15°	44757
20°	41509
25°	37833
30°	33692
35°	29845
40°	26831
45°	24011
50°	20603
55°	16578
60°	12359
65°	7878
70°	3808
75°	617
80°	424
85°	0



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	38.7	6.5
10°-20°	98.7	16.5
20°-30°	127.8	21.4
30°-40°	125.2	21.0
40°-50°	106.2	17.8
50°-60°	69.6	11.7
60°-70°	27.9	4.7
70°-80°	3.2	0.5
80°-90°	0.1	0.0
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°	265.2	44.4
0°-40°	390.4	65.4
0°-60°	566.2	94.8
0°-90°	597.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	597.4	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	427	
5°	415	39
15°	352	99
25°	279	128
35°	199	125
45°	138	106
55°	77	70
65°	27	28
75°	1	3
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	426.6
2.5°	423.3
5°	415.4
7.5°	402.1
10°	385.6
12.5°	367.8
15°	351.9
17.5°	334.7
20°	317.5
22.5°	299.0
25°	279.1
27.5°	258.6
30°	237.5
32.5°	217.6
35°	199.0
37.5°	183.9
40°	167.3
42.5°	152.8
45°	138.2
47.5°	123.1
50°	107.8
52.5°	92.6
55°	77.4
57.5°	63.5
60°	50.3
62.5°	38.3
65°	27.1
67.5°	17.8
70°	10.6
72.5°	4.6
75°	1.3
77.5°	0.6
80°	0.6
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG







— 0°-180°







(END OF REPORT)