

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: P857445

Luminaire Tested: **LX4C25D010 EX4C259827 4LBNLI**

Issue Date: 1/21/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P857445  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P208279)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/21/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LX4C25D010 EX4C259827 4LBNLI  
Description:  
Light Source: -  
Ballast/Driver: -

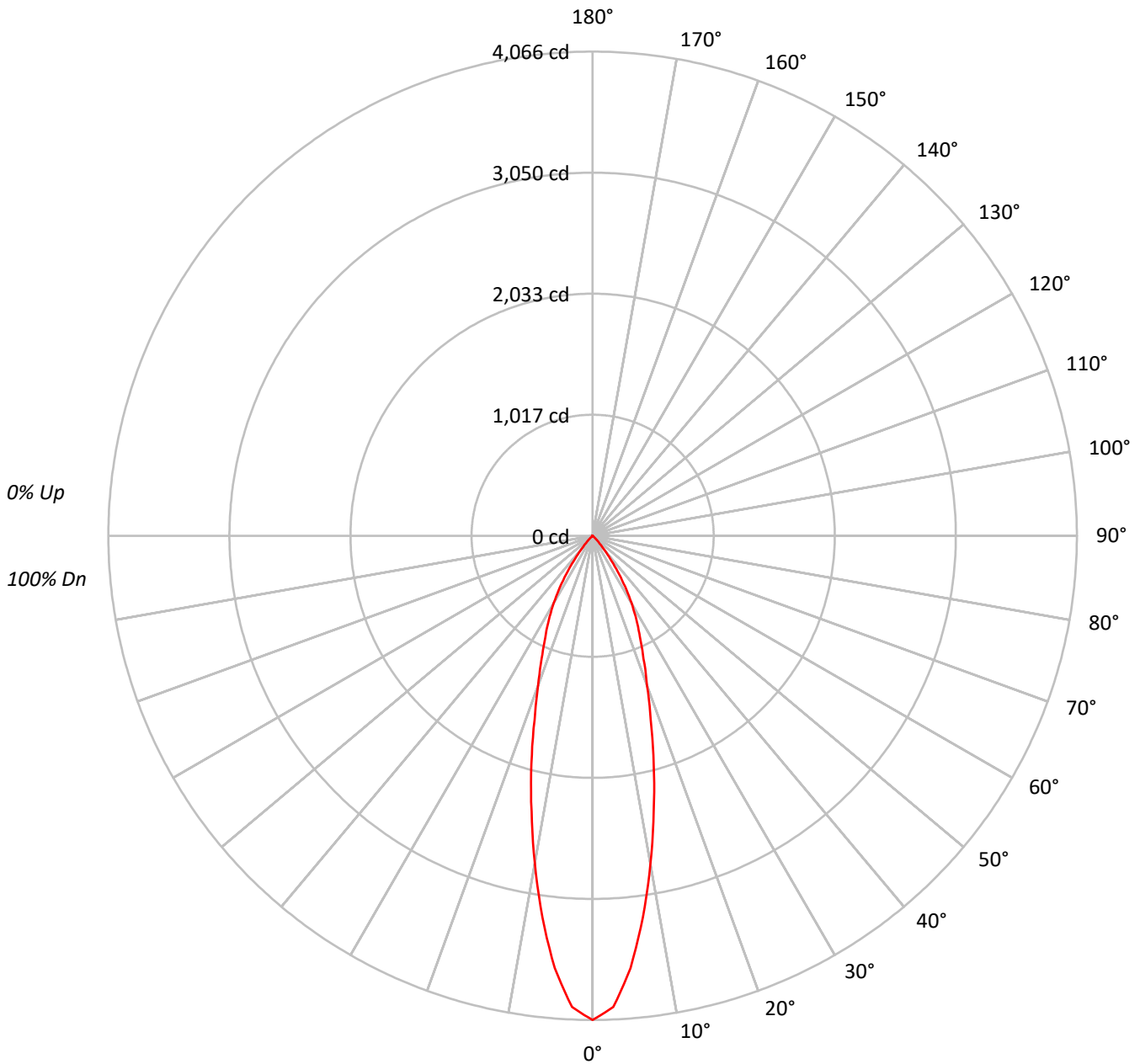
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1580.1 lumens  
Efficiency: N/A  
Efficacy: 50.2 lumens/watt  
Spacing Criteria (0/90/45): 0.48 / 0.48 / 0.54  
Luminous Opening: Circular (Dia: 0.33' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 31.5  
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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95		
2	109	105	102	99	107	103	100	98	100	98	95	97	95	93	95	93	92	90		
3	105	99	95	92	103	98	94	91	95	92	89	93	90	88	91	89	87	85		
4	101	94	89	86	99	93	88	85	91	87	84	89	86	83	87	84	82	81		
5	96	89	84	80	95	88	84	80	87	82	79	85	81	79	83	80	78	77		
6	92	85	80	76	91	84	79	76	83	78	75	81	78	75	80	77	74	73		
7	89	81	76	72	88	80	75	72	79	75	71	78	74	71	77	73	71	69		
8	85	77	72	68	84	77	72	68	76	71	68	75	71	68	74	70	67	66		
9	82	74	69	65	81	73	68	65	72	68	65	72	68	65	71	67	64	63		
10	79	71	66	62	78	70	65	62	69	65	62	69	65	62	68	64	62	61		

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

	0°
0°	499571
5°	449561
10°	348510
15°	252251
20°	174666
25°	127339
30°	92520
35°	54756
40°	23030
45°	7176
50°	937
55°	514
60°	590
65°	698
70°	0
75°	0
80°	0
85°	0



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	320.5	20.3
10°-20°	548.6	34.7
20°-30°	436.0	27.6
30°-40°	230.8	14.6
40°-50°	39.8	2.5
50°-60°	3.0	0.2
60°-70°	1.5	0.1
70°-80°	0.0	0.0
80°-90°	0.0	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°	1305.1	82.6
0°-40°	1535.9	97.2
0°-60°	1578.7	99.9
0°-90°	1580.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1580.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	4066	
5°	3645	320
15°	1983	549
25°	939	436
35°	365	231
45°	41	40
55°	2	3
65°	2	1
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	4066.4
2.5°	3961.7
5°	3645.4
7.5°	3231.8
10°	2793.7
12.5°	2370.2
15°	1983.3
17.5°	1623.1
20°	1336.0
22.5°	1117.0
25°	939.4
27.5°	795.8
30°	652.2
32.5°	506.2
35°	365.1
37.5°	240.9
40°	143.6
42.5°	82.8
45°	41.3
47.5°	14.6
50°	4.9
52.5°	4.9
55°	2.4
57.5°	2.4
60°	2.4
62.5°	2.4
65°	2.4
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)