

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: P857467

Luminaire Tested: **LX4C25D010 EX4C259835 4LBMDLI**

Issue Date: 2/18/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P857467  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2105-247-8)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/18/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LX4C25D010 EX4C259835 4LBMDLI  
Description:  
Light Source: -  
Ballast/Driver: -

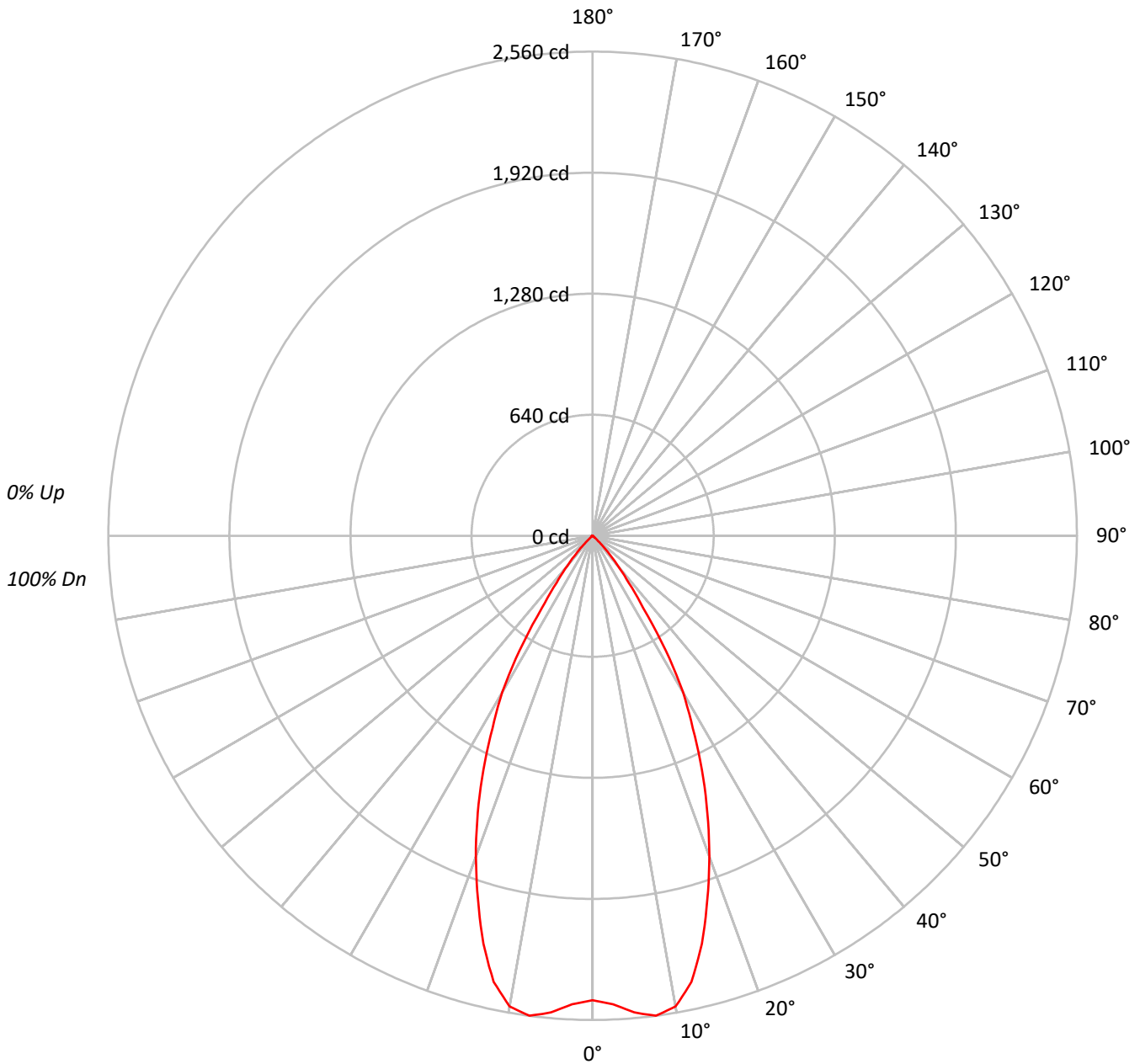
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1869.9 lumens  
Efficiency: N/A  
Efficacy: 59.4 lumens/watt  
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.82  
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	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			100
1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94			94
2	109	104	100	97	107	102	99	96	99	96	94	96	94	92	94	92	90	88			88
3	104	98	93	89	102	96	92	89	94	90	87	91	88	86	89	87	85	83			83
4	99	92	87	83	97	91	86	82	89	85	81	87	83	80	85	82	79	78			78
5	94	87	81	77	93	86	81	77	84	79	76	82	78	75	81	77	75	73			73
6	90	82	76	72	89	81	76	72	80	75	71	78	74	71	77	73	70	69			69
7	86	77	72	68	85	77	71	68	75	71	67	74	70	67	73	69	67	65			65
8	82	73	68	64	81	73	67	64	72	67	63	71	66	63	70	66	63	62			62
9	79	70	64	60	78	69	64	60	68	63	60	67	63	60	66	63	60	58			58
10	75	66	61	57	74	66	61	57	65	60	57	64	60	57	63	59	57	55			55

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

	0°
0°	301740
5°	312007
10°	315178
15°	283920
20°	235943
25°	185112
30°	135475
35°	70009
40°	33245
45°	11693
50°	2638
55°	1714
60°	1204
65°	901
70°	647
75°	427
80°	283
85°	0



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	241.7	12.9
10°-20°	614.9	32.9
20°-30°	622.2	33.3
30°-40°	317.2	17.0
40°-50°	62.2	3.3
50°-60°	7.5	0.4
60°-70°	3.1	0.2
70°-80°	1.1	0.1
80°-90°	0.2	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°	1478.7	79.1
0°-40°	1795.9	96.0
0°-60°	1865.5	99.8
0°-90°	1869.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1869.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2456	
5°	2530	242
15°	2232	615
25°	1366	622
35°	467	317
45°	67	62
55°	8	8
65°	3	3
75°	1	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	2456.1
2.5°	2478.9
5°	2530.0
7.5°	2559.5
10°	2526.5
12.5°	2415.6
15°	2232.3
17.5°	2016.0
20°	1804.7
22.5°	1585.8
25°	1365.6
27.5°	1146.2
30°	955.0
32.5°	719.5
35°	466.8
37.5°	312.6
40°	207.3
42.5°	130.2
45°	67.3
47.5°	24.1
50°	13.8
52.5°	10.3
55°	8.0
57.5°	6.2
60°	4.9
62.5°	4.0
65°	3.1
67.5°	2.2
70°	1.8
72.5°	1.3
75°	0.9
77.5°	0.9
80°	0.4
82.5°	0.4
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG







— 0°-180°







(END OF REPORT)