

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: P857440

Luminaire Tested: **LX4C25D010 EX4C259827 4LBMDH**

Issue Date: 2/18/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P857440  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2105-247-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/18/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LX4C25D010 EX4C259827 4LBMDH  
Description:  
Light Source: -  
Ballast/Driver: -

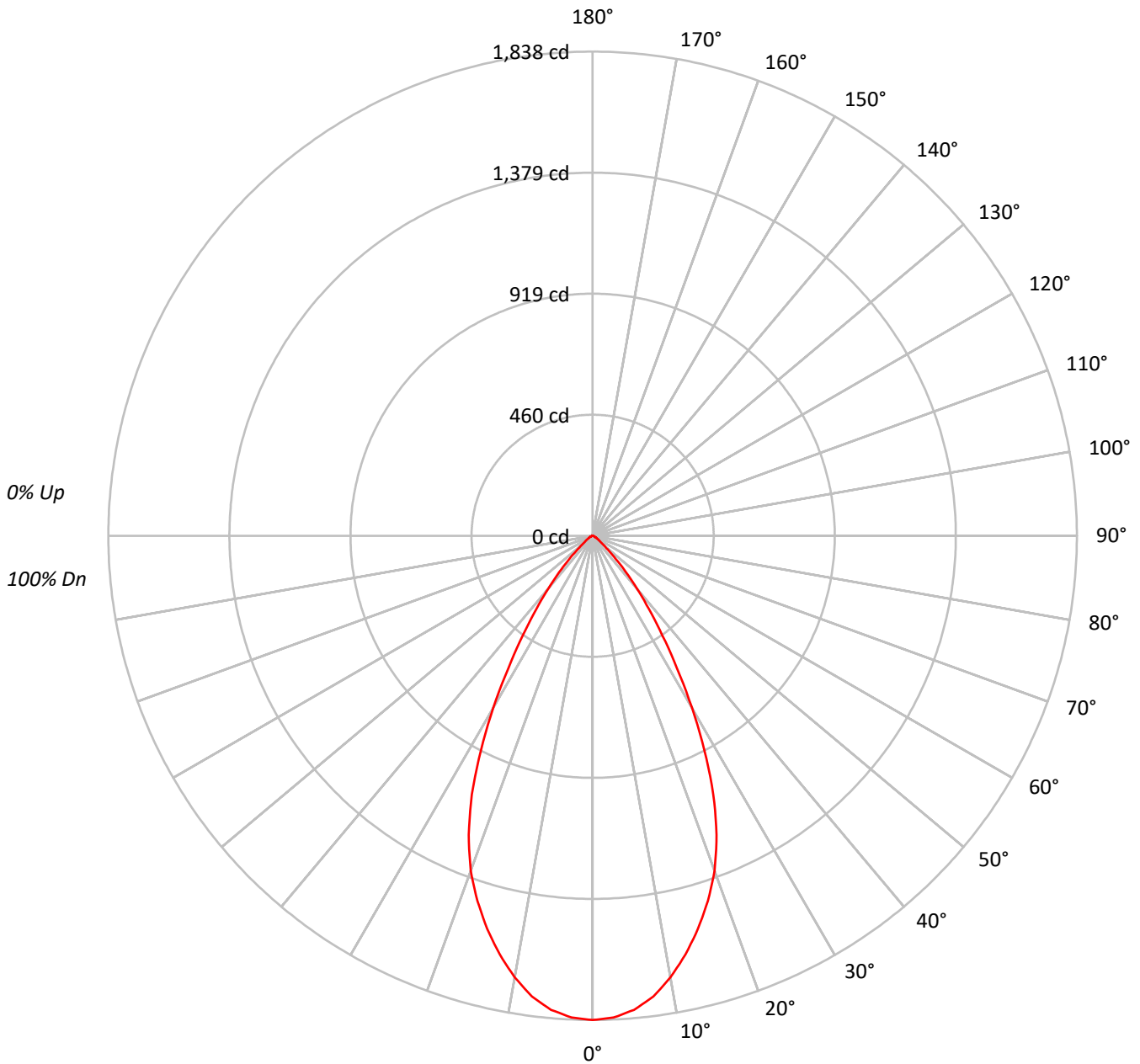
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1525.7 lumens  
Efficiency: N/A  
Efficacy: 48.4 lumens/watt  
Spacing Criteria (0/90/45): 0.86 / 0.86 / 0.83  
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			
1	113	111	108	106	111	109	106	104	104	103	101	101	99	98	97	96	95	93			
2	108	103	99	95	106	101	97	94	98	95	92	95	92	90	92	90	88	87			
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	84	82	81			
4	97	90	84	80	95	88	83	79	86	82	78	84	80	77	82	79	77	75			
5	92	84	78	74	91	83	77	73	81	76	73	79	75	72	78	74	71	70			
6	88	79	73	68	86	78	72	68	76	71	68	75	71	67	74	70	67	65			
7	83	74	68	64	82	73	68	64	72	67	63	71	66	63	70	66	63	61			
8	79	70	64	60	78	69	64	60	68	63	59	67	62	59	66	62	59	57			
9	76	66	60	56	74	65	60	56	64	59	56	64	59	56	63	58	55	54			
10	72	62	57	53	71	62	56	53	61	56	53	60	56	52	60	55	52	51			

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

	0°
0°	225817
5°	222770
10°	212322
15°	196479
20°	176862
25°	146927
30°	106806
35°	69244
40°	41906
45°	21596
50°	9786
55°	5890
60°	3956
65°	2820
70°	2119
75°	1377
80°	849
85°	564



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	169.1	11.1
10°-20°	431.1	28.3
20°-30°	487.4	31.9
30°-40°	294.6	19.3
40°-50°	103.2	6.8
50°-60°	26.4	1.7
60°-70°	10.1	0.7
70°-80°	3.4	0.2
80°-90°	0.5	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°	1087.6	71.3
0°-40°	1382.2	90.6
0°-60°	1511.7	99.1
0°-90°	1525.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1525.7	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1838	
5°	1806	169
15°	1545	431
25°	1084	487
35°	462	295
45°	124	103
55°	28	26
65°	10	10
75°	3	3
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1838.1
2.5°	1830.5
5°	1806.4
7.5°	1763.7
10°	1702.0
12.5°	1627.6
15°	1544.8
17.5°	1453.8
20°	1352.8
22.5°	1228.9
25°	1083.9
27.5°	917.8
30°	752.9
32.5°	595.2
35°	461.7
37.5°	350.0
40°	261.3
42.5°	187.7
45°	124.3
47.5°	76.5
50°	51.2
52.5°	36.7
55°	27.5
57.5°	21.1
60°	16.1
62.5°	12.7
65°	9.7
67.5°	7.6
70°	5.9
72.5°	4.2
75°	2.9
77.5°	2.1
80°	1.2
82.5°	0.8
85°	0.4
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG







— 0°-180°







(END OF REPORT)