

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: P857453

Luminaire Tested: **LX4C25D010 EX4C259830 4LBMDH**

Issue Date: 2/18/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P857453  
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 EX4C259830 4LBMDH  
Description:  
Light Source: -  
Ballast/Driver: -

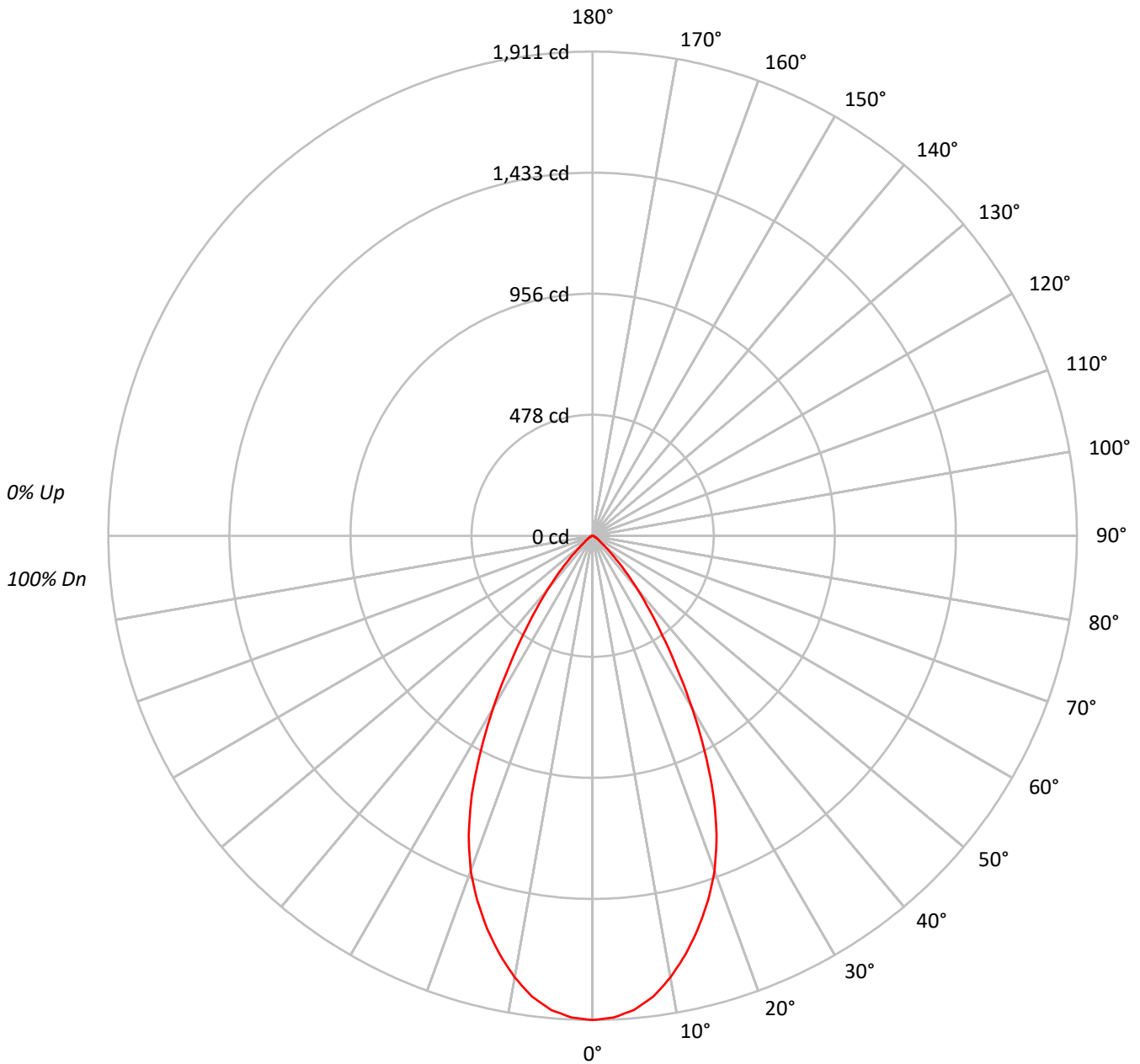
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1586.4 lumens  
Efficiency: N/A  
Efficacy: 50.4 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°	234798
5°	231625
10°	220768
15°	204275
20°	183883
25°	152769
30°	111061
35°	71989
40°	43558
45°	22447
50°	10149
55°	6104
60°	4103
65°	2936
70°	2227
75°	1471
80°	920
85°	564



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	175.8	11.1
10°-20°	448.2	28.3
20°-30°	506.8	31.9
30°-40°	306.3	19.3
40°-50°	107.3	6.8
50°-60°	27.4	1.7
60°-70°	10.5	0.7
70°-80°	3.5	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°	1130.8	71.3
0°-40°	1437.1	90.6
0°-60°	1571.8	99.1
0°-90°	1586.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1586.4	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1911	
5°	1878	176
15°	1606	448
25°	1127	507
35°	480	306
45°	129	107
55°	28	27
65°	10	11
75°	3	4
85°	0	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1911.2
2.5°	1903.2
5°	1878.2
7.5°	1833.8
10°	1769.7
12.5°	1692.3
15°	1606.1
17.5°	1511.6
20°	1406.5
22.5°	1277.8
25°	1127.0
27.5°	954.3
30°	782.9
32.5°	618.9
35°	480.0
37.5°	363.9
40°	271.6
42.5°	195.2
45°	129.2
47.5°	79.5
50°	53.1
52.5°	38.3
55°	28.5
57.5°	21.9
60°	16.7
62.5°	13.2
65°	10.1
67.5°	7.9
70°	6.2
72.5°	4.4
75°	3.1
77.5°	2.2
80°	1.3
82.5°	0.9
85°	0.4
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG







— 0°-180°







(END OF REPORT)