

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: P856809

Luminaire Tested: **LX4C10D010 EX4C109827 4LBMDH**

Issue Date: 2/18/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P856809  
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: LX4C10D010 EX4C109827 4LBMDH  
Description:  
Light Source: -  
Ballast/Driver: -

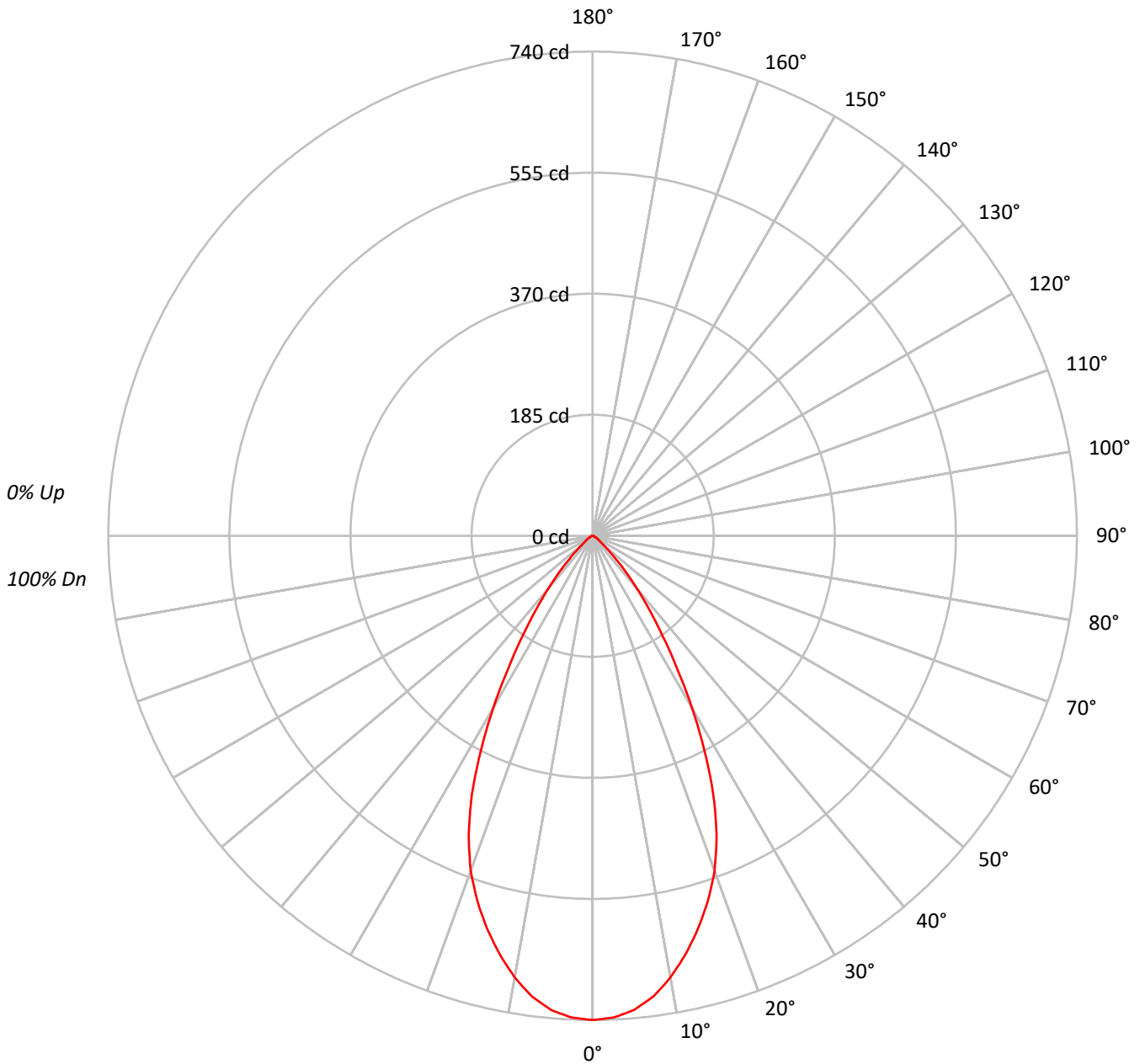
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 614.5 lumens  
Efficiency: N/A  
Efficacy: 62.7 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): 9.8  
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	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	63	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°	90924
5°	89705
10°	85503
15°	79123
20°	71226
25°	59169
30°	43012
35°	27881
40°	16871
45°	8687
50°	3937
55°	2377
60°	1597
65°	1134
70°	862
75°	570
80°	354
85°	282



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	68.1	11.1
10°-20°	173.6	28.2
20°-30°	196.3	31.9
30°-40°	118.6	19.3
40°-50°	41.6	6.8
50°-60°	10.6	1.7
60°-70°	4.1	0.7
70°-80°	1.4	0.2
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°	438.0	71.3
0°-40°	556.6	90.6
0°-60°	608.8	99.1
0°-90°	614.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	614.5	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	740	
5°	727	68
15°	622	174
25°	436	196
35°	186	119
45°	50	42
55°	11	11
65°	4	4
75°	1	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	740.1
2.5°	737.1
5°	727.4
7.5°	710.2
10°	685.4
12.5°	655.4
15°	622.1
17.5°	585.4
20°	544.8
22.5°	494.9
25°	436.5
27.5°	369.5
30°	303.2
32.5°	239.7
35°	185.9
37.5°	141.0
40°	105.2
42.5°	75.6
45°	50.0
47.5°	30.9
50°	20.6
52.5°	14.8
55°	11.1
57.5°	8.5
60°	6.5
62.5°	5.1
65°	3.9
67.5°	3.0
70°	2.4
72.5°	1.7
75°	1.2
77.5°	0.9
80°	0.5
82.5°	0.4
85°	0.2
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG







— 0°-180°







(END OF REPORT)