

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: P858860

Luminaire Tested: **LX4C05D010 EX4C059827 4LBMH**

Issue Date: 2/8/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P858860  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P206636)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/8/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LX4C05D010 EX4C059827 4LBMH  
Description:  
Light Source: -  
Ballast/Driver: -

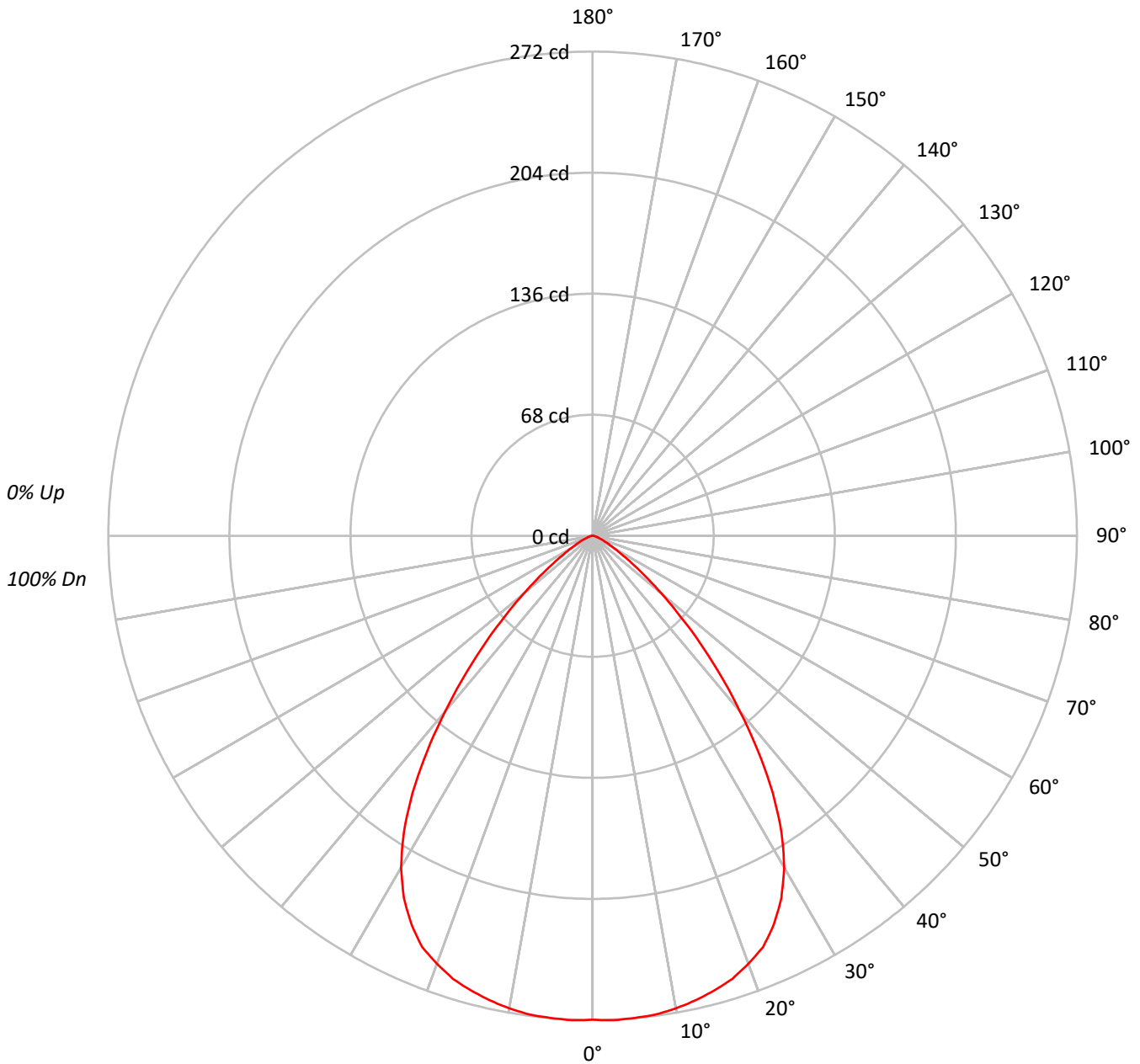
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 421.8 lumens  
Efficiency: N/A  
Efficacy: 58.6 lumens/watt  
Spacing Criteria (0/90/45): 1.17 / 1.17 / 1.13  
Luminous Opening: Circular (Dia: 0.33' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 7.2  
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	112	109	106	104	110	107	104	102	103	101	99	99	97	96	96	94	93	91			91
2	105	100	95	91	103	98	93	90	95	91	88	91	88	86	89	86	84	82			82
3	99	91	85	80	97	90	84	80	87	82	78	84	80	77	82	79	76	74			74
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67			67
5	87	77	70	65	85	76	69	64	74	68	64	72	67	63	70	66	62	61			61
6	81	71	64	58	80	70	63	58	68	62	58	67	61	57	65	61	57	55			55
7	76	65	58	53	75	65	58	53	63	57	53	62	56	52	61	56	52	50			50
8	72	60	53	49	70	60	53	49	59	53	48	58	52	48	57	52	48	46			46
9	67	56	49	45	66	56	49	45	55	49	44	54	48	44	53	48	44	43			43
10	64	52	46	41	63	52	46	41	51	45	41	50	45	41	49	44	41	39			39

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

	0°
0°	33404
5°	33531
10°	33632
15°	33628
20°	33443
25°	32655
30°	30528
35°	26441
40°	20656
45°	14820
50°	9633
55°	5762
60°	3366
65°	2180
70°	1437
75°	1092
80°	849
85°	0



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	25.9	6.1
10°-20°	74.6	17.7
20°-30°	110.1	26.1
30°-40°	108.6	25.8
40°-50°	66.5	15.8
50°-60°	25.5	6.0
60°-70°	8.0	1.9
70°-80°	2.4	0.6
80°-90°	0.3	0.1
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°	210.6	49.9
0°-40°	319.2	75.7
0°-60°	411.2	97.5
0°-90°	421.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	421.8	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	272	
5°	272	26
15°	264	75
25°	241	110
35°	176	109
45°	85	66
55°	27	25
65°	8	8
75°	2	2
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	271.9
2.5°	272.4
5°	271.9
7.5°	271.3
10°	269.6
12.5°	267.3
15°	264.4
17.5°	261.0
20°	255.8
22.5°	250.1
25°	240.9
27.5°	229.5
30°	215.2
32.5°	197.4
35°	176.3
37.5°	152.8
40°	128.8
42.5°	106.5
45°	85.3
47.5°	66.3
50°	50.4
52.5°	37.2
55°	26.9
57.5°	18.9
60°	13.7
62.5°	10.3
65°	7.5
67.5°	5.7
70°	4.0
72.5°	2.9
75°	2.3
77.5°	1.2
80°	1.2
82.5°	0.5
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG







— 0°-180°







(END OF REPORT)