

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: P858867

Luminaire Tested: **LX4C05D010 EX4C059827 4LBWH**

Issue Date: 2/8/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P858867  
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 4LBWH  
Description:  
Light Source: -  
Ballast/Driver: -

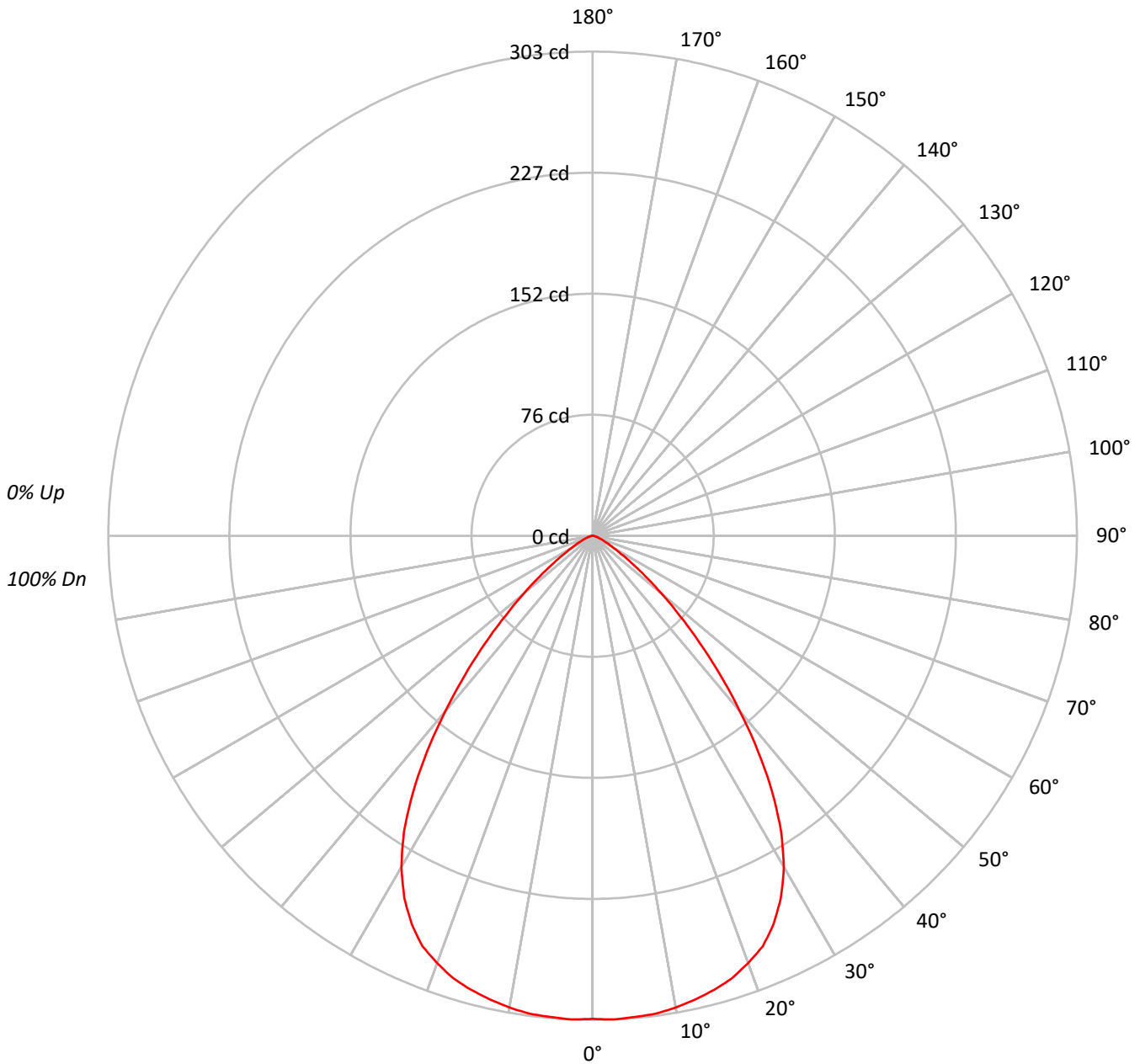
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 469.0 lumens  
Efficiency: N/A  
Efficacy: 65.1 lumens/watt  
Spacing Criteria (0/90/45): 1.18 / 1.18 / 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			
1	112	109	106	104	110	107	104	102	103	101	99	99	97	96	96	94	93	91			
2	105	100	95	91	103	98	93	90	95	91	88	91	88	86	89	86	84	82			
3	99	91	85	80	97	90	84	80	87	82	78	84	80	77	82	79	76	74			
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67			
5	87	77	70	65	85	76	69	64	74	68	64	72	67	63	70	66	62	61			
6	81	71	64	58	80	70	63	58	68	62	58	67	61	57	65	61	57	55			
7	76	65	58	53	75	65	58	53	63	57	53	62	56	52	61	56	52	50			
8	72	60	53	49	70	60	53	49	59	53	48	58	52	48	57	52	48	46			
9	68	56	49	45	66	56	49	45	55	49	44	54	48	44	53	48	44	43			
10	64	52	46	41	63	52	46	41	51	45	41	50	45	41	49	44	41	39			

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

	0°
0°	37139
5°	37280
10°	37400
15°	37406
20°	37195
25°	36328
30°	33947
35°	29395
40°	22966
45°	16488
50°	10703
55°	6404
60°	3735
65°	2413
70°	1616
75°	1234
80°	849
85°	0



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	28.8	6.1
10°-20°	83.0	17.7
20°-30°	122.4	26.1
30°-40°	120.8	25.8
40°-50°	73.9	15.8
50°-60°	28.3	6.0
60°-70°	8.9	1.9
70°-80°	2.6	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°	234.2	49.9
0°-40°	355.0	75.7
0°-60°	457.3	97.5
0°-90°	469.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	469.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	302	
5°	302	29
15°	294	83
25°	268	122
35°	196	121
45°	95	74
55°	30	28
65°	8	9
75°	3	3
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	302.3
2.5°	303.0
5°	302.3
7.5°	301.7
10°	299.8
12.5°	297.2
15°	294.1
17.5°	290.3
20°	284.5
22.5°	278.1
25°	268.0
27.5°	255.2
30°	239.3
32.5°	219.6
35°	196.0
37.5°	170.0
40°	143.2
42.5°	118.4
45°	94.9
47.5°	73.8
50°	56.0
52.5°	41.4
55°	29.9
57.5°	21.0
60°	15.2
62.5°	11.5
65°	8.3
67.5°	6.3
70°	4.5
72.5°	3.2
75°	2.6
77.5°	1.2
80°	1.2
82.5°	0.6
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG







— 0°-180°







(END OF REPORT)