

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: P857250

Luminaire Tested: **LX4C20D010 EX4C209830 4LBWH**

Issue Date: 2/8/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P857250  
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: LX4C20D010 EX4C209830 4LBWH  
Description:  
Light Source: -  
Ballast/Driver: -

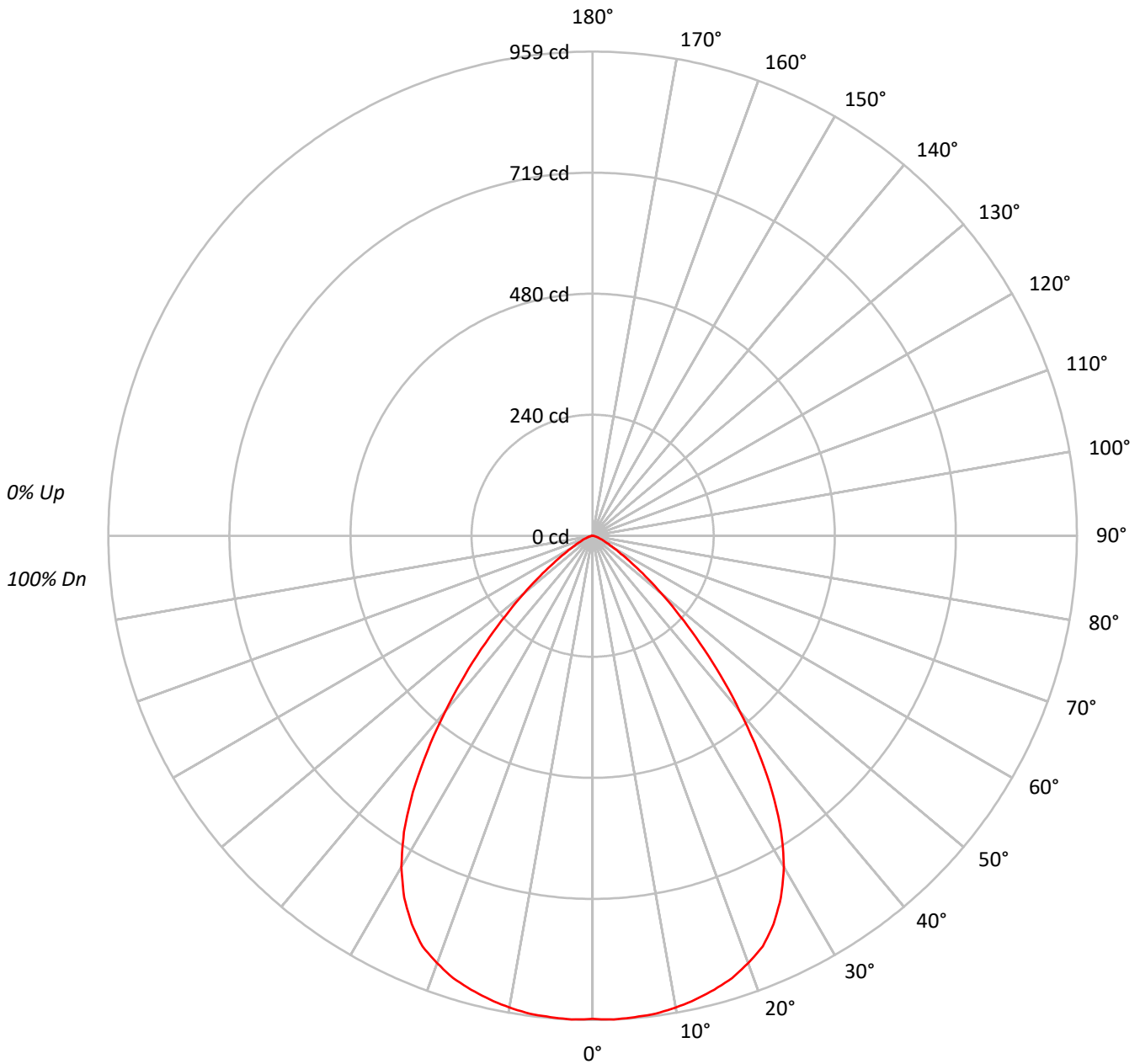
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1484.7 lumens  
Efficiency: N/A  
Efficacy: 68.1 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): 21.8  
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	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°	117571
5°	118020
10°	118374
15°	118386
20°	117743
25°	114977
30°	107458
35°	93060
40°	72697
45°	52157
50°	33887
55°	20284
60°	11868
65°	7616
70°	5065
75°	3797
80°	2830
85°	0



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	91.1	6.1
10°-20°	262.6	17.7
20°-30°	387.5	26.1
30°-40°	382.4	25.8
40°-50°	234.0	15.8
50°-60°	89.7	6.0
60°-70°	28.1	1.9
70°-80°	8.2	0.6
80°-90°	1.1	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°	741.2	49.9
0°-40°	1123.6	75.7
0°-60°	1447.3	97.5
0°-90°	1484.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1484.7	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	957	
5°	957	91
15°	931	263
25°	848	388
35°	620	382
45°	300	234
55°	95	90
65°	26	28
75°	8	8
85°	0	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	957.0
2.5°	959.1
5°	957.0
7.5°	955.0
10°	948.9
12.5°	940.9
15°	930.8
17.5°	918.7
20°	900.6
22.5°	880.5
25°	848.2
27.5°	807.8
30°	757.5
32.5°	695.1
35°	620.5
37.5°	537.9
40°	453.3
42.5°	374.7
45°	300.2
47.5°	233.6
50°	177.3
52.5°	131.0
55°	94.7
57.5°	66.4
60°	48.3
62.5°	36.3
65°	26.2
67.5°	20.2
70°	14.1
72.5°	10.1
75°	8.0
77.5°	4.0
80°	4.0
82.5°	2.1
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG







— 0°-180°







(END OF REPORT)