

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: P858260

Luminaire Tested: **LX4C45D010 EX4C459850 4LBMDH**

Issue Date: 2/18/2022



**Test Information**

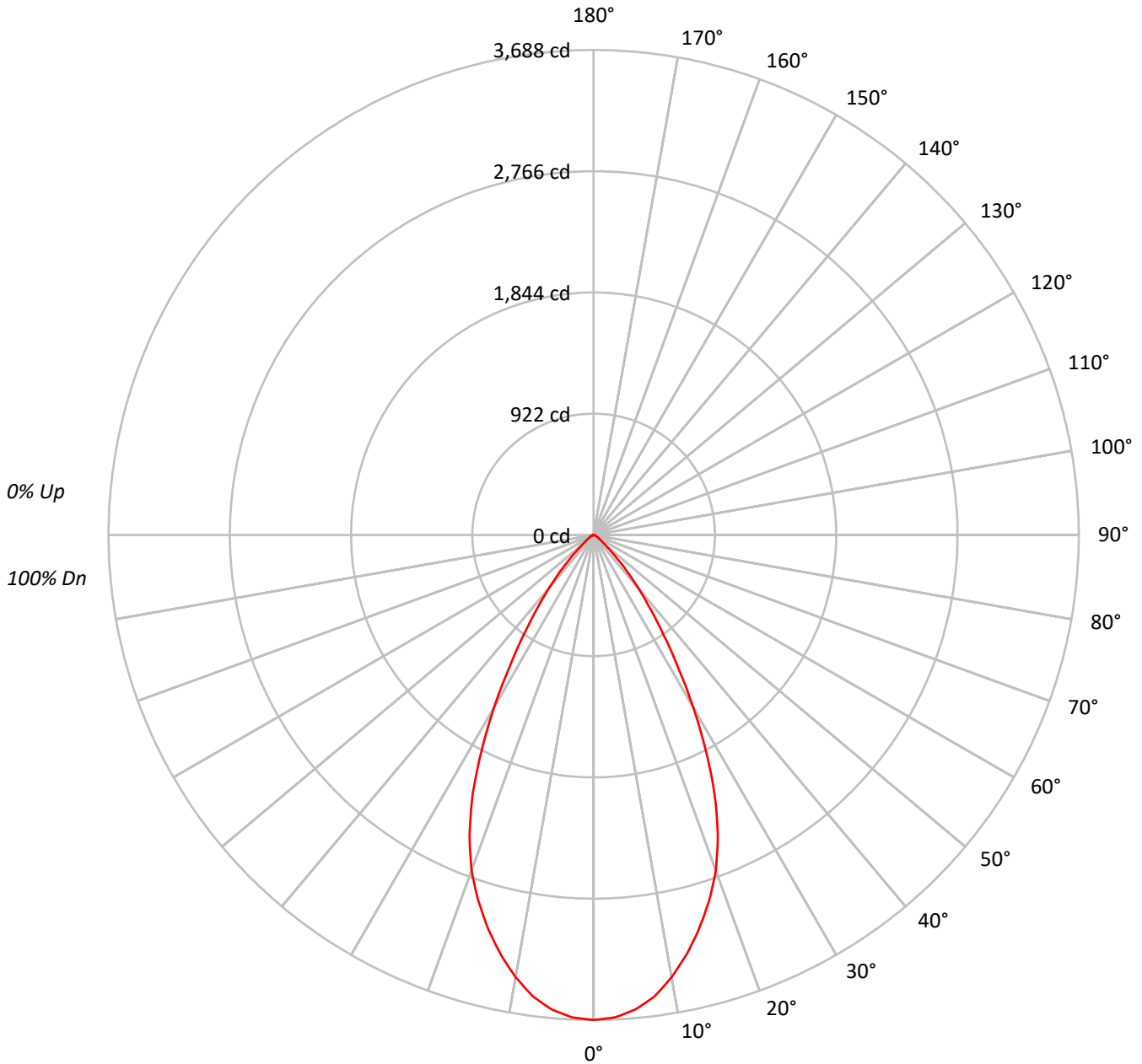
Test Method: LM-79-08  
Report Number: P858260  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2105-247-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/18/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LX4C45D010 EX4C459850 4LBMDH  
Description:  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3061.4 lumens  
Efficiency: N/A  
Efficacy: 61.7 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): 49.6  
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	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°	453096
5°	446971
10°	426004
15°	394192
20°	354862
25°	294802
30°	214306
35°	138923
40°	84068
45°	43314
50°	19610
55°	11802
60°	7912
65°	5669
70°	4274
75°	2848
80°	1839
85°	1269



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	339.3	11.1
10°-20°	864.9	28.3
20°-30°	978.0	31.9
30°-40°	591.1	19.3
40°-50°	207.0	6.8
50°-60°	53.0	1.7
60°-70°	20.3	0.7
70°-80°	6.9	0.2
80°-90°	1.1	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°	2182.2	71.3
0°-40°	2773.2	90.6
0°-60°	3033.2	99.1
0°-90°	3061.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3061.4	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	3688	
5°	3624	339
15°	3099	865
25°	2175	978
35°	926	591
45°	249	207
55°	55	53
65°	20	20
75°	6	7
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	3688.1
2.5°	3672.7
5°	3624.4
7.5°	3538.8
10°	3414.9
12.5°	3265.6
15°	3099.3
17.5°	2917.0
20°	2714.3
22.5°	2465.8
25°	2174.8
27.5°	1841.4
30°	1510.7
32.5°	1194.3
35°	926.3
37.5°	702.3
40°	524.2
42.5°	376.6
45°	249.3
47.5°	153.6
50°	102.6
52.5°	73.8
55°	55.1
57.5°	42.4
60°	32.2
62.5°	25.4
65°	19.5
67.5°	15.2
70°	11.9
72.5°	8.5
75°	6.0
77.5°	4.3
80°	2.6
82.5°	1.7
85°	0.9
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG







— 0°-180°







(END OF REPORT)