

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: P859738

Luminaire Tested: **LX4C08D010 EX4C089827 4LBMDH**

Issue Date: 2/18/2022



Test Information

Test Method: LM-79-08
Report Number: P859738
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: LX4C08D010 EX4C089827 4LBMDH
Description:
Light Source: -
Ballast/Driver: -

Summary

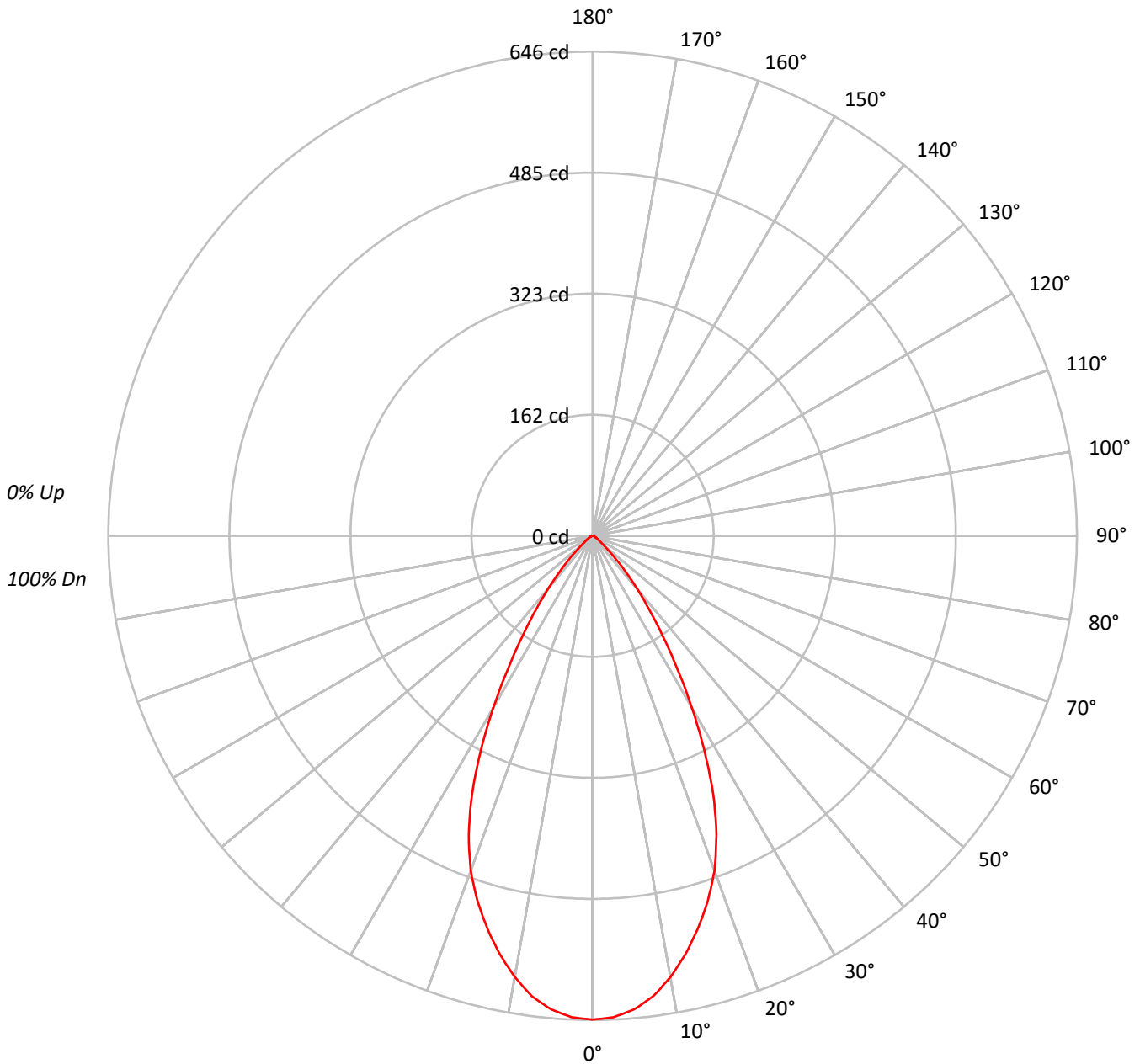
Lumens per Lamp: N/A
Luminaire Lumens: 535.9 lumens
Efficiency: N/A
Efficacy: 54.1 lumens/watt
Spacing Criteria (0/90/45): 0.86 / 0.86 / 0.83
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 9.9
Input Voltage (V):
Input Current (A_{in}): 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	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	64	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°	79314
5°	78248
10°	74575
15°	69012
20°	62127
25°	51619
30°	37522
35°	24311
40°	14722
45°	7592
50°	3421
55°	2056
60°	1376
65°	988
70°	754
75°	522
80°	283
85°	282



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.4	11.1
10°-20°	151.4	28.3
20°-30°	171.2	31.9
30°-40°	103.5	19.3
40°-50°	36.2	6.8
50°-60°	9.2	1.7
60°-70°	3.6	0.7
70°-80°	1.2	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°	382.0	71.3
0°-40°	485.5	90.6
0°-60°	531.0	99.1
0°-90°	535.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	535.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	646	
5°	634	59
15°	543	151
25°	381	171
35°	162	103
45°	44	36
55°	10	9
65°	3	4
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	645.6
2.5°	642.9
5°	634.5
7.5°	619.5
10°	597.8
12.5°	571.7
15°	542.6
17.5°	510.7
20°	475.2
22.5°	431.7
25°	380.8
27.5°	322.4
30°	264.5
32.5°	209.1
35°	162.1
37.5°	123.0
40°	91.8
42.5°	65.9
45°	43.7
47.5°	26.8
50°	17.9
52.5°	12.9
55°	9.6
57.5°	7.4
60°	5.6
62.5°	4.5
65°	3.4
67.5°	2.7
70°	2.1
72.5°	1.5
75°	1.1
77.5°	0.7
80°	0.4
82.5°	0.3
85°	0.2
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)