

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: P857994

Luminaire Tested: **LX4C40D010 EX4C409827 4LBMDH**

Issue Date: 2/18/2022



Test Information

Test Method: LM-79-08
Report Number: P857994
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: LX4C40D010 EX4C409827 4LBMDH
Description:
Light Source: -
Ballast/Driver: -

Summary

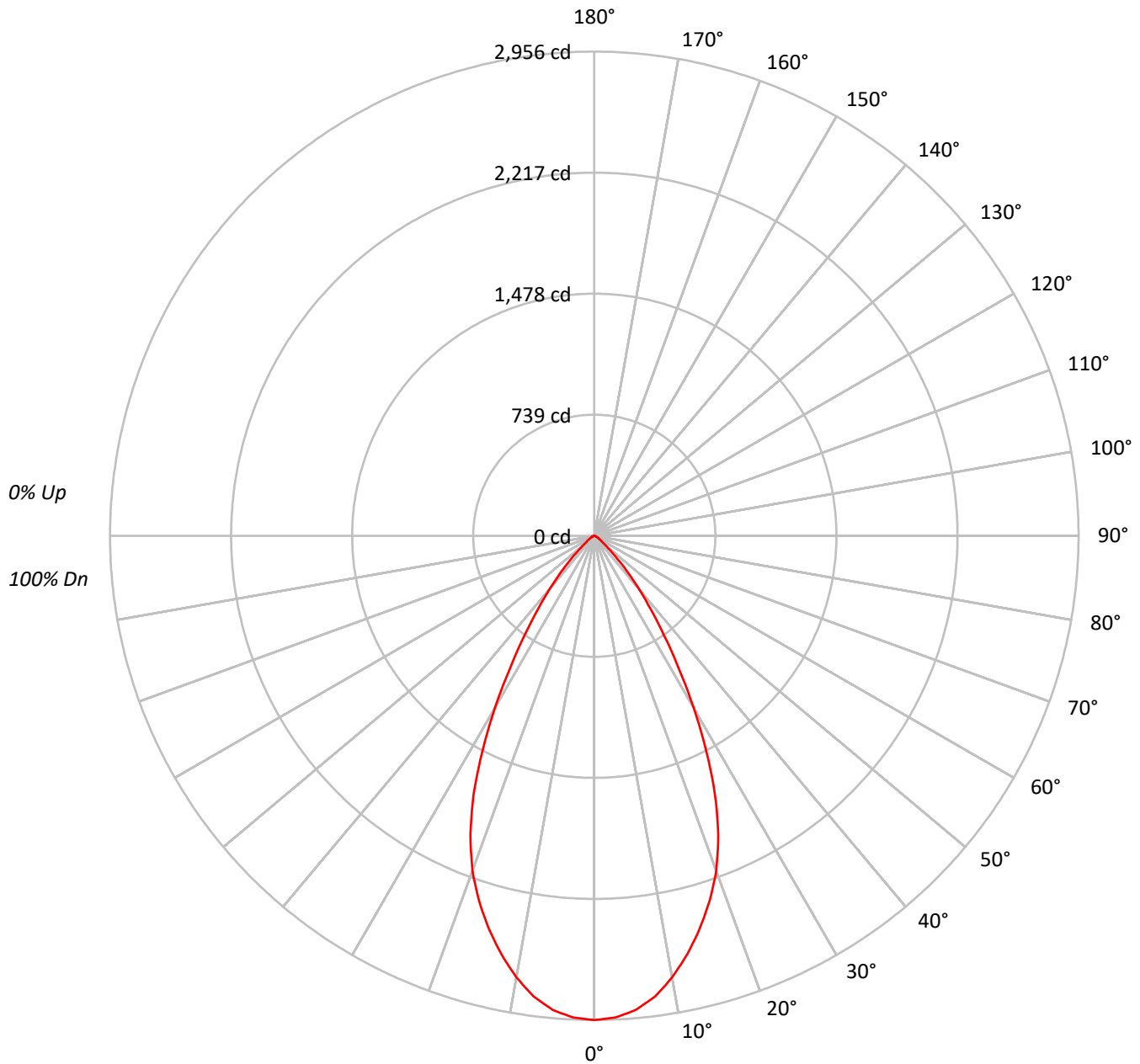
Lumens per Lamp: N/A
Luminaire Lumens: 2454.1 lumens
Efficiency: N/A
Efficacy: 52.2 lumens/watt
Spacing Criteria (0/90/45): 0.86 / 0.86 / 0.83
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 47
Input Voltage (V):
Input Current (Ain): 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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	111	108	106	111	109	106	104	104	103	101		101	99	98		97
2	108	103	99	95	106	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	73	68	64	72	67	63		71	66	63		70
8	79	70	64	60	78	69	63	60	68	63	59		67	62	59		66
9	76	66	60	56	74	65	60	56	64	59	56		64	59	56		63
10	72	62	57	53	71	62	56	53	61	56	53		60	56	52		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	363216
5°	358314
10°	341500
15°	316010
20°	284473
25°	236325
30°	171791
35°	111372
40°	67389
45°	34731
50°	15730
55°	9467
60°	6364
65°	4535
70°	3412
75°	2231
80°	1486
85°	987



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	272.0	11.1
10°-20°	693.3	28.3
20°-30°	784.0	31.9
30°-40°	473.8	19.3
40°-50°	166.0	6.8
50°-60°	42.5	1.7
60°-70°	16.2	0.7
70°-80°	5.4	0.2
80°-90°	0.8	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°	1749.3	71.3
0°-40°	2223.1	90.6
0°-60°	2431.5	99.1
0°-90°	2454.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2454.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2956	
5°	2906	272
15°	2485	693
25°	1743	784
35°	743	474
45°	200	166
55°	44	42
65°	16	16
75°	5	5
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	2956.5
2.5°	2944.2
5°	2905.5
7.5°	2836.8
10°	2737.5
12.5°	2617.8
15°	2484.6
17.5°	2338.3
20°	2175.9
22.5°	1976.6
25°	1743.4
27.5°	1476.2
30°	1211.0
32.5°	957.4
35°	742.6
37.5°	563.0
40°	420.2
42.5°	301.9
45°	199.9
47.5°	123.1
50°	82.3
52.5°	59.1
55°	44.2
57.5°	34.0
60°	25.9
62.5°	20.4
65°	15.6
67.5°	12.2
70°	9.5
72.5°	6.8
75°	4.7
77.5°	3.4
80°	2.1
82.5°	1.3
85°	0.7
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)