

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: P858021

Luminaire Tested: **LX4C40D010 EX4C409835 4LBMDLI**

Issue Date: 2/18/2022



Test Information

Test Method: LM-79-08
Report Number: P858021
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2105-247-8)
Test Lab: INNOVATION CENTER
Issue Date: 2/18/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX4C40D010 EX4C409835 4LBMDLI
Description:
Light Source: -
Ballast/Driver: -

Summary

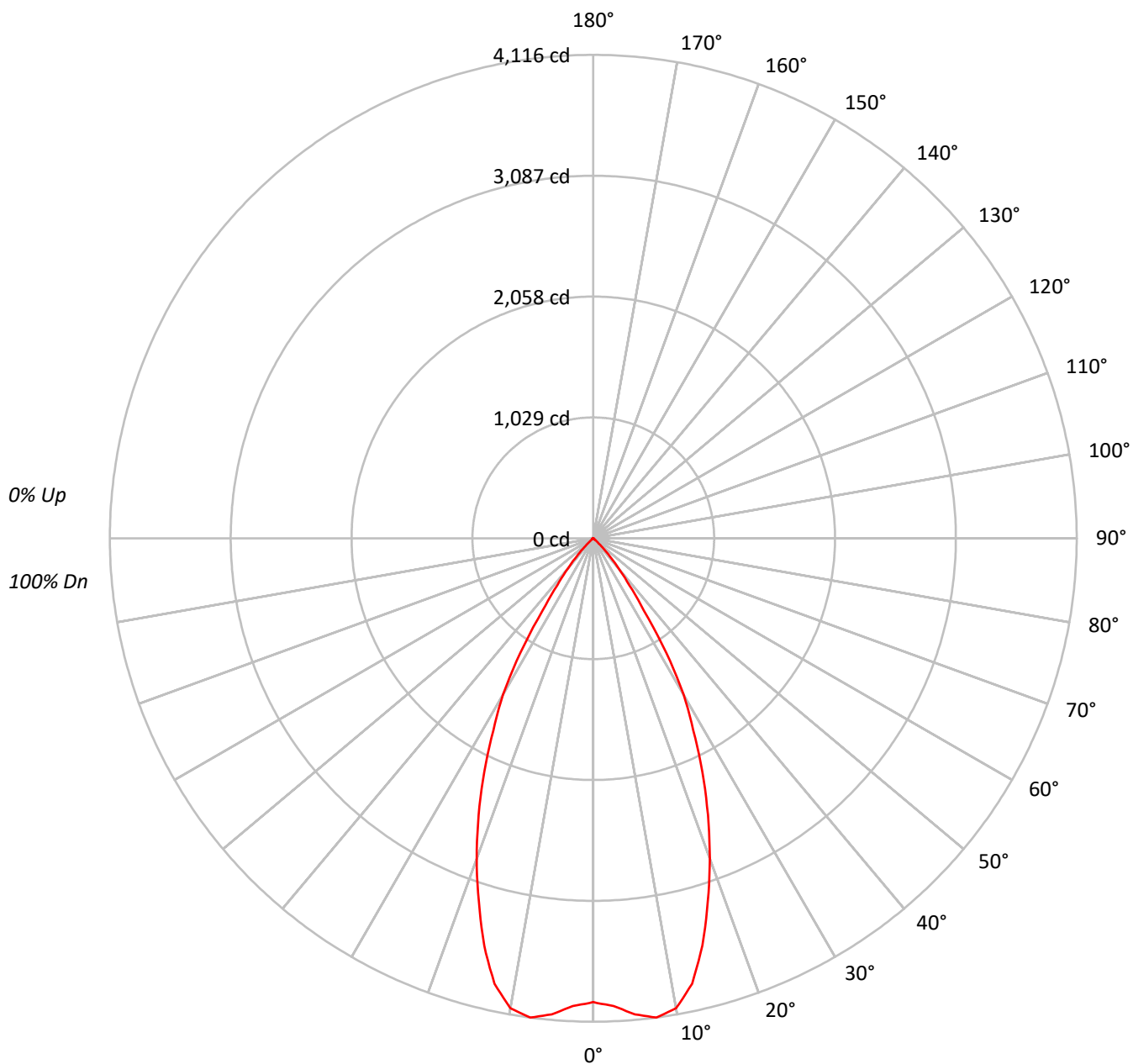
Lumens per Lamp: N/A
Luminaire Lumens: 3006.9 lumens
Efficiency: N/A
Efficacy: 64.0 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.82
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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	114	111	109	107	111	109	107	105		105	103	102			101	100	99			98
2	109	104	100	97	107	102	99	96		99	96	94			96	94	92			94
3	104	98	93	89	102	96	92	89		94	90	87			91	88	86			89
4	99	92	87	83	97	91	86	82		89	85	81			87	83	80			85
5	94	87	81	77	93	86	81	77		84	79	76			82	78	75			81
6	90	82	76	72	89	81	76	72		80	75	71			78	74	71			77
7	86	77	72	68	85	77	71	68		75	71	67			74	70	67			73
8	82	73	68	64	81	73	67	64		72	67	63			71	66	63			70
9	79	70	64	60	78	69	64	60		68	63	60			67	63	60			66
10	75	66	61	57	74	66	61	57		65	60	57			64	60	57			63

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	485198
5°	501726
10°	506816
15°	456539
20°	379401
25°	297663
30°	217839
35°	112572
40°	53453
45°	18816
50°	4243
55°	2763
60°	1917
65°	1453
70°	1042
75°	665
80°	495
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	388.6	12.9
10°-20°	988.7	32.9
20°-30°	1000.4	33.3
30°-40°	510.0	17.0
40°-50°	100.0	3.3
50°-60°	12.1	0.4
60°-70°	5.0	0.2
70°-80°	1.8	0.1
80°-90°	0.3	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°	2377.7	79.1
0°-40°	2887.7	96.0
0°-60°	2999.8	99.8
0°-90°	3006.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3006.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3949	
5°	4068	389
15°	3590	989
25°	2196	1000
35°	751	510
45°	108	100
55°	13	12
65°	5	5
75°	1	2
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	3949.4
2.5°	3986.0
5°	4068.4
7.5°	4115.7
10°	4062.7
12.5°	3884.2
15°	3589.5
17.5°	3241.8
20°	2902.0
22.5°	2550.0
25°	2195.9
27.5°	1843.1
30°	1535.6
32.5°	1157.1
35°	750.6
37.5°	502.6
40°	333.3
42.5°	209.3
45°	108.3
47.5°	38.7
50°	22.2
52.5°	16.5
55°	12.9
57.5°	10.1
60°	7.8
62.5°	6.4
65°	5.0
67.5°	3.6
70°	2.9
72.5°	2.1
75°	1.4
77.5°	1.4
80°	0.7
82.5°	0.7
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)