

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: P857034

Luminaire Tested: **LX4C15D010 EX4C159830 4LBMDH**

Issue Date: 2/18/2022



Test Information

Test Method: LM-79-08
Report Number: P857034
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: LX4C15D010 EX4C159830 4LBMDH
Description:
Light Source: -
Ballast/Driver: -

Summary

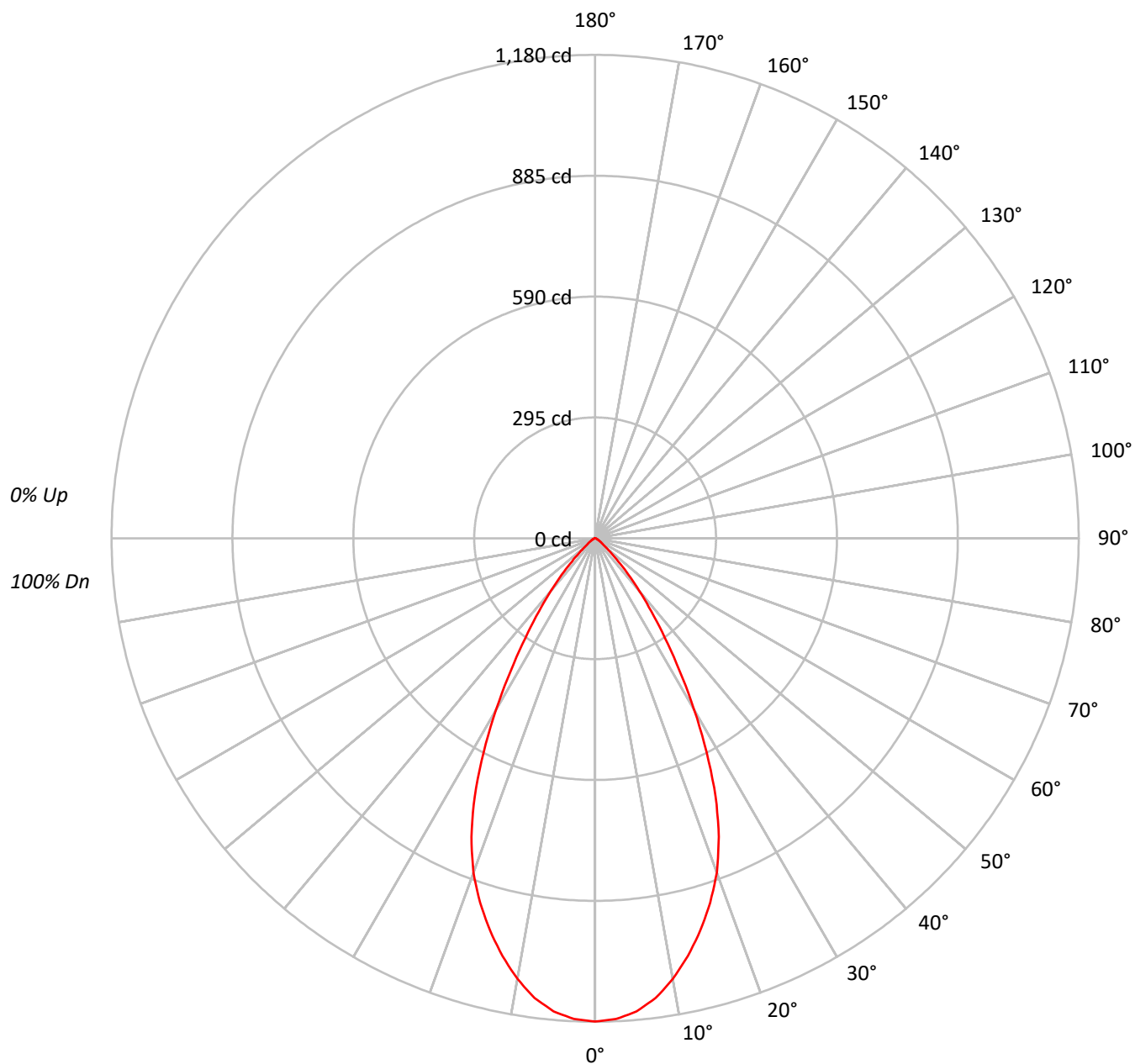
Lumens per Lamp: N/A
Luminaire Lumens: 979.1 lumens
Efficiency: N/A
Efficacy: 62.0 lumens/watt
Spacing Criteria (0/90/45): 0.86 / 0.86 / 0.83
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 15.8
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	64	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°	144918
5°	142968
10°	136251
15°	126081
20°	113494
25°	94291
30°	68532
35°	44423
40°	26879
45°	13847
50°	6269
55°	3791
60°	2531
65°	1802
70°	1365
75°	902
80°	566
85°	423



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	108.5	11.1
10°-20°	276.6	28.3
20°-30°	312.8	31.9
30°-40°	189.0	19.3
40°-50°	66.2	6.8
50°-60°	17.0	1.7
60°-70°	6.5	0.7
70°-80°	2.2	0.2
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°	697.9	71.3
0°-40°	886.9	90.6
0°-60°	970.1	99.1
0°-90°	979.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	979.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1180	
5°	1159	109
15°	991	277
25°	696	313
35°	296	189
45°	80	66
55°	18	17
65°	6	6
75°	2	2
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1179.6
2.5°	1174.7
5°	1159.3
7.5°	1131.8
10°	1092.2
12.5°	1044.5
15°	991.3
17.5°	932.9
20°	868.1
22.5°	788.7
25°	695.6
27.5°	589.0
30°	483.1
32.5°	381.9
35°	296.2
37.5°	224.6
40°	167.6
42.5°	120.5
45°	79.7
47.5°	49.1
50°	32.8
52.5°	23.6
55°	17.7
57.5°	13.6
60°	10.3
62.5°	8.1
65°	6.2
67.5°	4.9
70°	3.8
72.5°	2.7
75°	1.9
77.5°	1.3
80°	0.8
82.5°	0.5
85°	0.3
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)