

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: P857047

Luminaire Tested: **LX4C15D010 EX4C159835 4LBMDH**

Issue Date: 2/18/2022



Test Information

Test Method: LM-79-08
Report Number: P857047
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 EX4C159835 4LBMDH
Description:
Light Source: -
Ballast/Driver: -

Summary

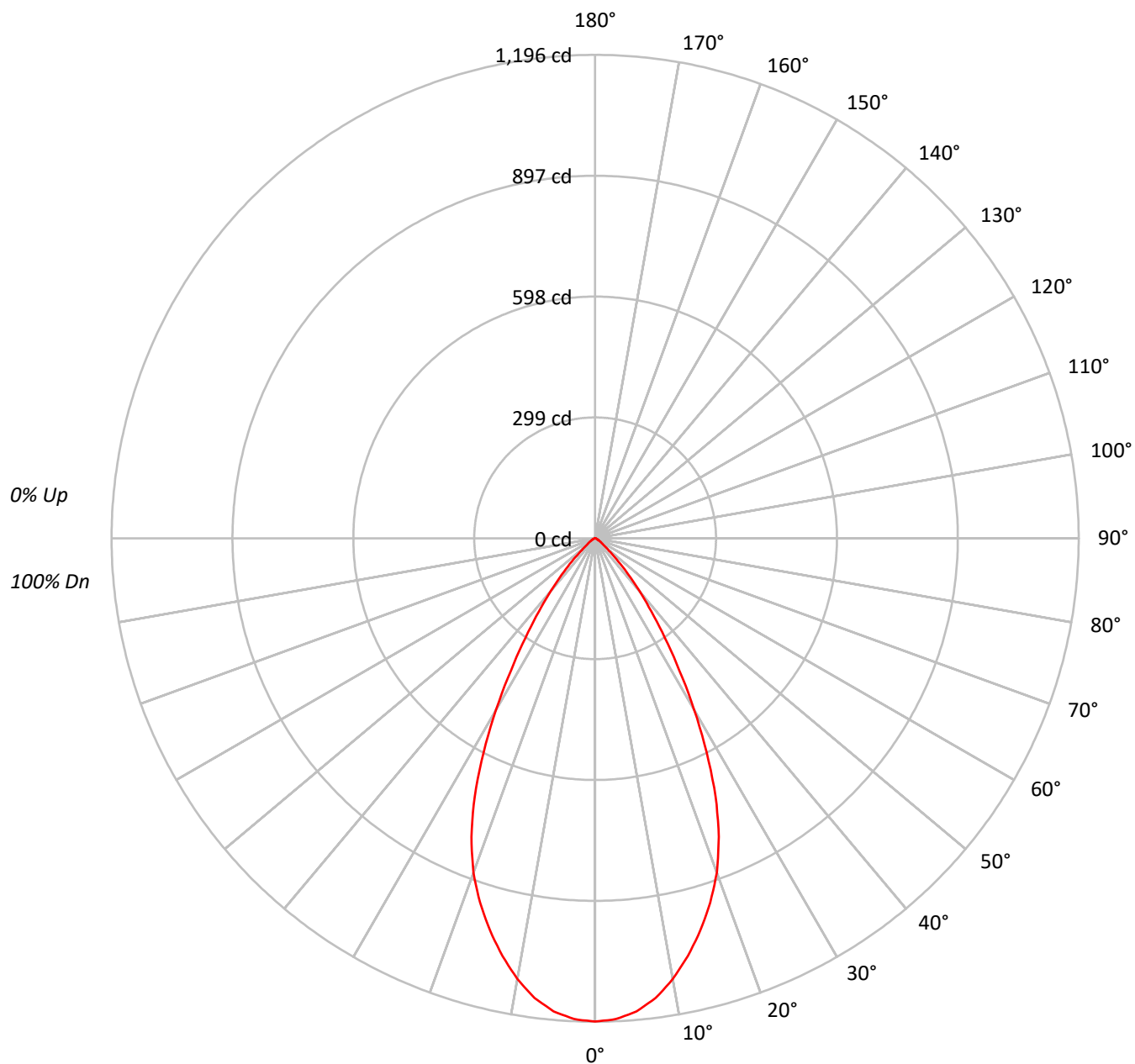
Lumens per Lamp: N/A
Luminaire Lumens: 992.5 lumens
Efficiency: N/A
Efficacy: 62.8 lumens/watt
Spacing Criteria (0/90/45): 0.86 / 0.86 / 0.83
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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°	146884
5°	144904
10°	138109
15°	127798
20°	115049
25°	95579
30°	69468
35°	45038
40°	27264
45°	14056
50°	6364
55°	3813
60°	2555
65°	1831
70°	1365
75°	949
80°	566
85°	423



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	110.0	11.1
10°-20°	280.4	28.3
20°-30°	317.1	31.9
30°-40°	191.6	19.3
40°-50°	67.1	6.8
50°-60°	17.1	1.7
60°-70°	6.6	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°	707.5	71.3
0°-40°	899.1	90.6
0°-60°	983.4	99.1
0°-90°	992.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	992.5	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1196	
5°	1175	110
15°	1005	280
25°	705	317
35°	300	192
45°	81	67
55°	18	17
65°	6	7
75°	2	2
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1195.6
2.5°	1190.7
5°	1175.0
7.5°	1147.3
10°	1107.1
12.5°	1058.8
15°	1004.8
17.5°	945.7
20°	880.0
22.5°	799.4
25°	705.1
27.5°	597.0
30°	489.7
32.5°	387.2
35°	300.3
37.5°	227.7
40°	170.0
42.5°	122.1
45°	80.9
47.5°	49.8
50°	33.3
52.5°	23.9
55°	17.8
57.5°	13.7
60°	10.4
62.5°	8.3
65°	6.3
67.5°	5.0
70°	3.8
72.5°	2.8
75°	2.0
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)