

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: P857073

Luminaire Tested: **LX4C15D010 EX4C159850 4LBMDH**

Issue Date: 2/18/2022



Test Information

Test Method: LM-79-08
Report Number: P857073
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 EX4C159850 4LBMDH
Description:
Light Source: -
Ballast/Driver: -

Summary

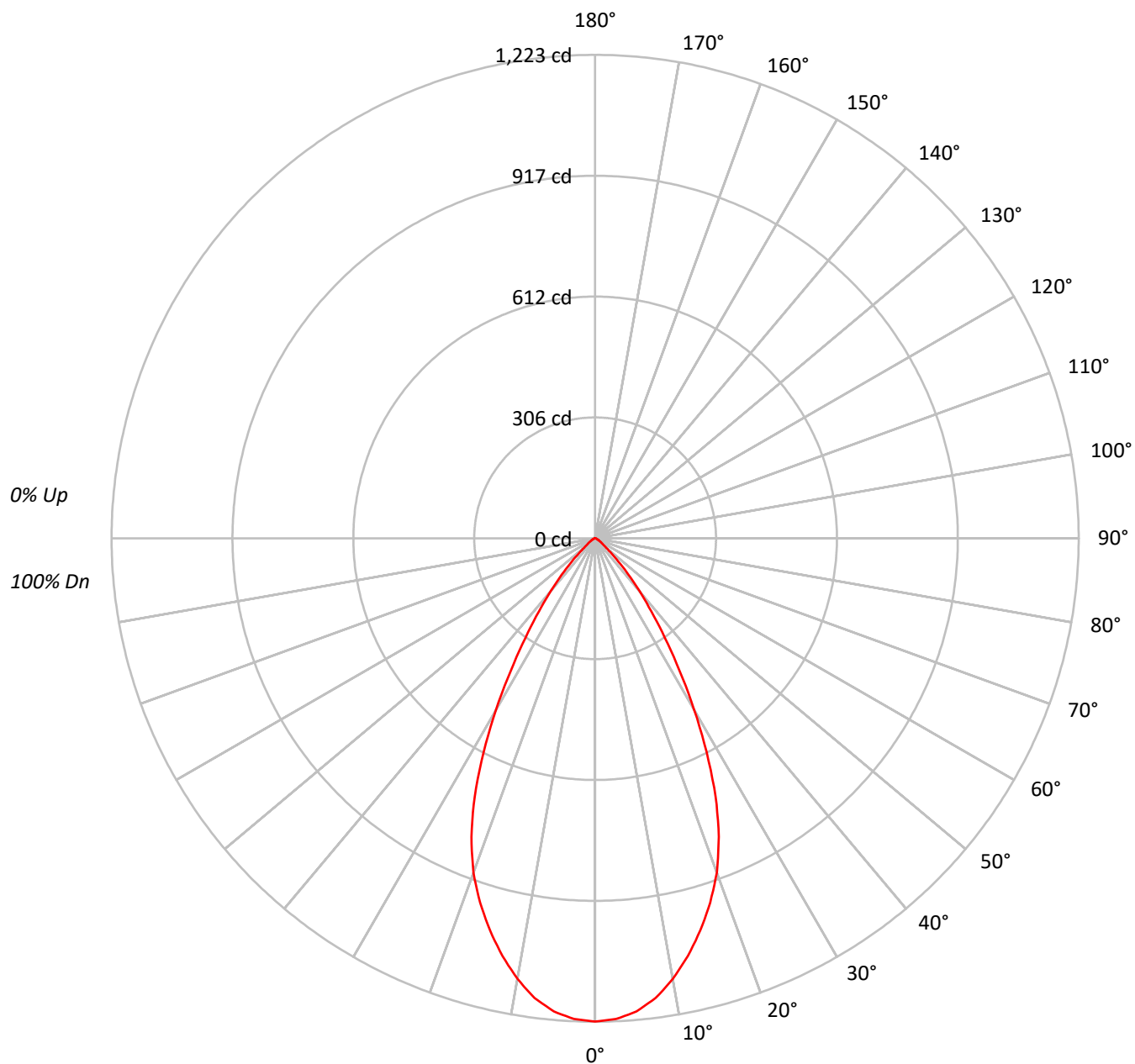
Lumens per Lamp: N/A
Luminaire Lumens: 1014.9 lumens
Efficiency: N/A
Efficacy: 64.2 lumens/watt
Spacing Criteria (0/90/45): 0.86 / 0.86 / 0.83
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 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

TEST NUMBER: P857073

CATALOG NUMBER: LX4C15D010 EX4C159850 4LBMDH

Luminous Intensity Polar Plot





TEST NUMBER: P857073

CATALOG NUMBER: LX4C15D010 EX4C159850 4LBMDH

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°	150201
5°	148160
10°	141216
15°	130672
20°	117638
25°	97721
30°	71043
35°	46043
40°	27873
45°	14368
50°	6517
55°	3920
60°	2629
65°	1890
70°	1401
75°	949
80°	566
85°	423



TEST NUMBER: P857073

CATALOG NUMBER: LX4C15D010 EX4C159850 4LBMDH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	112.5	11.1
10°-20°	286.7	28.2
20°-30°	324.2	31.9
30°-40°	195.9	19.3
40°-50°	68.6	6.8
50°-60°	17.6	1.7
60°-70°	6.8	0.7
70°-80°	2.3	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°	723.4	71.3
0°-40°	919.3	90.6
0°-60°	1005.5	99.1
0°-90°	1014.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1014.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1223	
5°	1201	112
15°	1027	287
25°	721	324
35°	307	196
45°	83	69
55°	18	18
65°	6	7
75°	2	2
85°	0	0
90°	0	



TEST NUMBER: P857073

CATALOG NUMBER: LX4C15D010 EX4C159850 4LBMDH

CANDELA DISTRIBUTION (FULL):

	0°
0°	1222.6
2.5°	1217.5
5°	1201.4
7.5°	1173.1
10°	1132.0
12.5°	1082.5
15°	1027.4
17.5°	966.9
20°	899.8
22.5°	817.4
25°	720.9
27.5°	610.4
30°	500.8
32.5°	395.9
35°	307.0
37.5°	232.8
40°	173.8
42.5°	124.8
45°	82.7
47.5°	50.9
50°	34.1
52.5°	24.4
55°	18.3
57.5°	14.1
60°	10.7
62.5°	8.5
65°	6.5
67.5°	5.1
70°	3.9
72.5°	2.9
75°	2.0
77.5°	1.4
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)