

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: P857080

Luminaire Tested: **LX4C15D010 EX4C159850 4LBSLI**

Issue Date: 2/9/2022



Test Information

Test Method: LM-79-08
Report Number: P857080
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P208407)
Test Lab: INNOVATION CENTER
Issue Date: 2/9/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX4C15D010 EX4C159850 4LBSLI
Description:
Light Source: -
Ballast/Driver: -

Summary

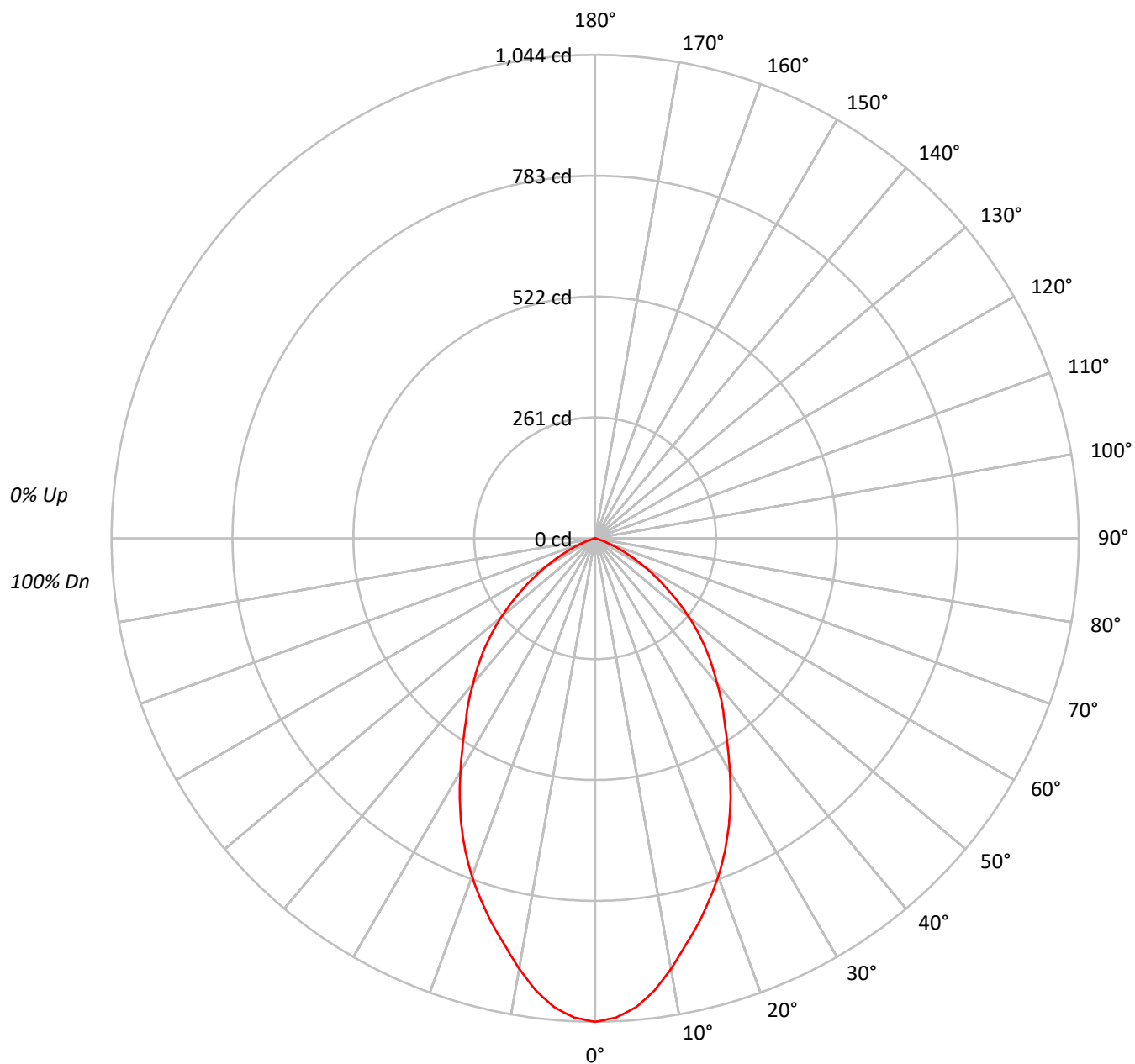
Lumens per Lamp: N/A
Luminaire Lumens: 1462.4 lumens
Efficiency: N/A
Efficacy: 92.6 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 1
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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	112	108	105	102	109	106	103	101	102	100	98		98	96	95		95
2	104	98	93	88	102	96	91	87	93	89	85		90	86	84		87
3	97	89	82	77	95	87	81	77	84	79	75		82	78	74		79
4	90	81	73	68	88	79	73	68	77	71	67		75	70	66		73
5	84	73	66	61	82	72	65	60	70	64	60		69	63	59		67
6	79	67	60	54	77	66	59	54	65	58	54		63	58	53		62
7	74	62	54	49	72	61	54	49	60	53	49		58	53	48		57
8	69	57	50	45	68	57	50	45	55	49	45		54	49	44		53
9	65	53	46	41	64	53	46	41	52	45	41		51	45	41		50
10	61	50	43	38	60	49	42	38	48	42	38		47	42	38		46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	128284
5°	125382
10°	117738
15°	109534
20°	101610
25°	92624
30°	82448
35°	73084
40°	65689
45°	58794
50°	50438
55°	40567
60°	30247
65°	19302
70°	9303
75°	1519
80°	1132
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	94.7	6.5
10°-20°	241.5	16.5
20°-30°	312.9	21.4
30°-40°	306.6	21.0
40°-50°	259.9	17.8
50°-60°	170.4	11.6
60°-70°	68.5	4.7
70°-80°	7.8	0.5
80°-90°	0.2	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°	649.1	44.4
0°-40°	955.7	65.3
0°-60°	1385.9	94.8
0°-90°	1462.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1462.4	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1044	
5°	1017	95
15°	861	241
25°	683	313
35°	487	307
45°	338	260
55°	189	170
65°	66	68
75°	3	8
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1044.2
2.5°	1036.1
5°	1016.7
7.5°	984.3
10°	943.8
12.5°	900.1
15°	861.2
17.5°	819.2
20°	777.2
22.5°	731.8
25°	683.3
27.5°	633.0
30°	581.2
32.5°	532.6
35°	487.3
37.5°	450.1
40°	409.6
42.5°	374.0
45°	338.4
47.5°	301.1
50°	263.9
52.5°	226.7
55°	189.4
57.5°	155.4
60°	123.1
62.5°	93.9
65°	66.4
67.5°	43.7
70°	25.9
72.5°	11.3
75°	3.2
77.5°	1.6
80°	1.6
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)