

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: P857041

Luminaire Tested: **LX4C15D010 EX4C159830 4LBSLI**

Issue Date: 2/9/2022



Test Information

Test Method: LM-79-08
Report Number: P857041
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 EX4C159830 4LBSLI
Description:
Light Source: -
Ballast/Driver: -

Summary

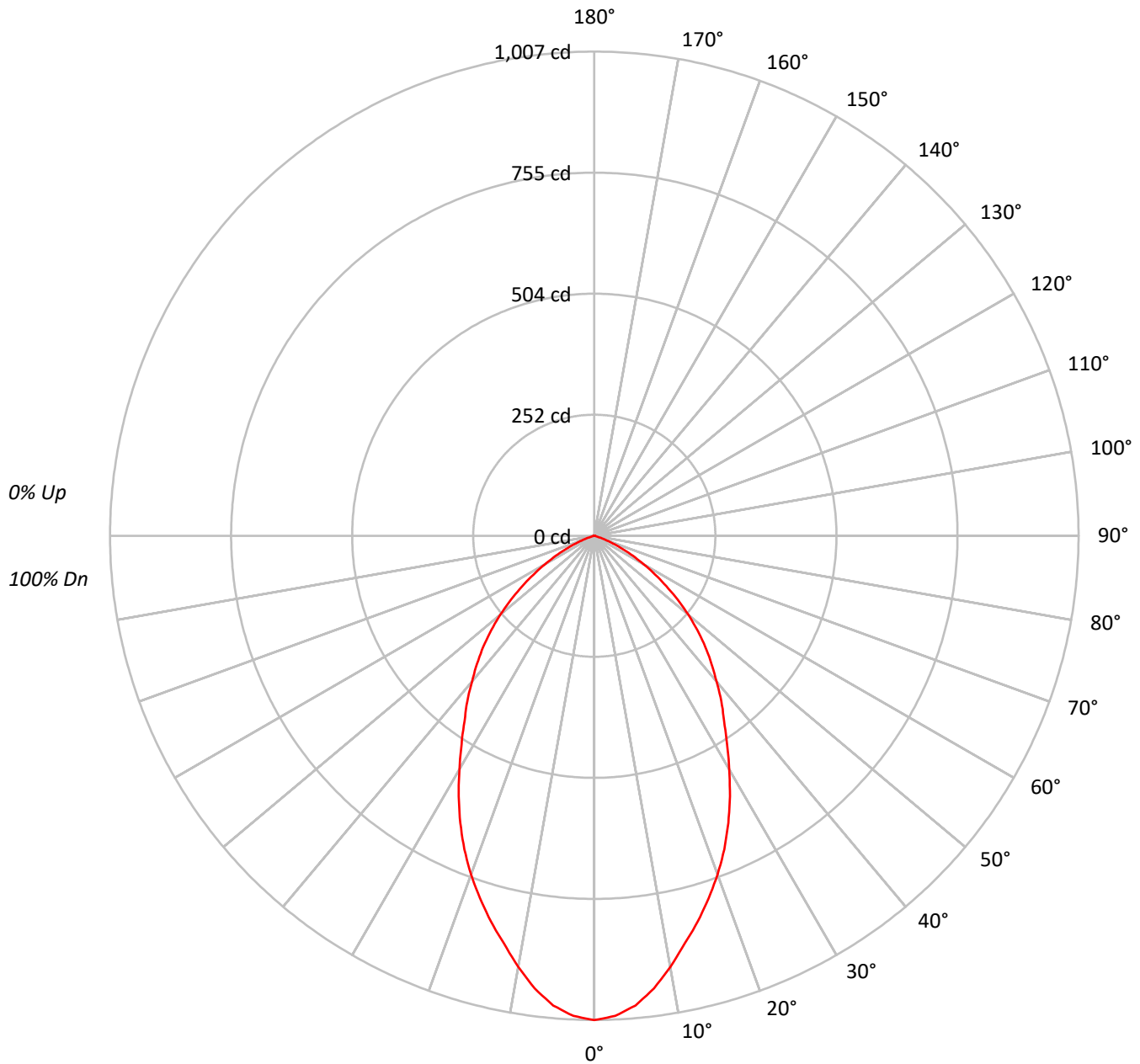
Lumens per Lamp: N/A
Luminaire Lumens: 1410.7 lumens
Efficiency: N/A
Efficacy: 89.3 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 1
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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°	123750
5°	120943
10°	113584
15°	105667
20°	98001
25°	89344
30°	79526
35°	70489
40°	63364
45°	56709
50°	48661
55°	39132
60°	29165
65°	18605
70°	8980
75°	1471
80°	1061
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.3	6.5
10°-20°	232.9	16.5
20°-30°	301.9	21.4
30°-40°	295.7	21.0
40°-50°	250.7	17.8
50°-60°	164.3	11.6
60°-70°	66.1	4.7
70°-80°	7.5	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°	626.1	44.4
0°-40°	921.9	65.3
0°-60°	1336.9	94.8
0°-90°	1410.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1410.7	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1007	
5°	981	91
15°	831	233
25°	659	302
35°	470	296
45°	326	251
55°	183	164
65°	64	66
75°	3	8
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1007.3
2.5°	999.5
5°	980.7
7.5°	949.5
10°	910.5
12.5°	868.3
15°	830.8
17.5°	790.3
20°	749.6
22.5°	705.9
25°	659.1
27.5°	610.7
30°	560.6
32.5°	513.8
35°	470.0
37.5°	434.2
40°	395.1
42.5°	360.8
45°	326.4
47.5°	290.4
50°	254.6
52.5°	218.7
55°	182.7
57.5°	149.9
60°	118.7
62.5°	90.6
65°	64.0
67.5°	42.2
70°	25.0
72.5°	10.9
75°	3.1
77.5°	1.5
80°	1.5
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)