

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: P857067

Luminaire Tested: **LX4C15D010 EX4C159840 4LBSLI**

Issue Date: 2/9/2022



Test Information

Test Method: LM-79-08
Report Number: P857067
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 EX4C159840 4LBSLI
Description:
Light Source: -
Ballast/Driver: -

Summary

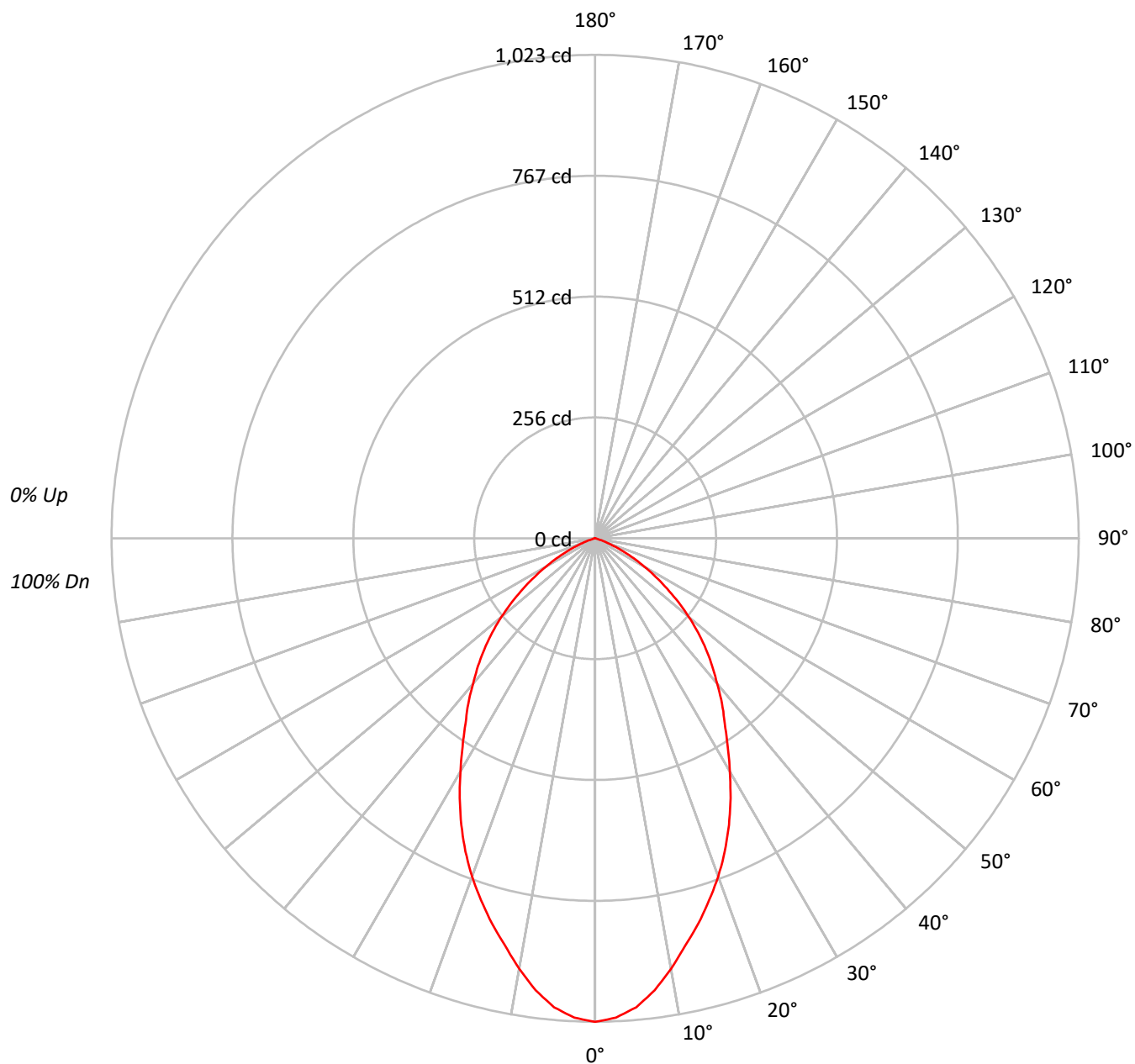
Lumens per Lamp: N/A
Luminaire Lumens: 1433.1 lumens
Efficiency: N/A
Efficacy: 90.7 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 1
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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°	125716
5°	122866
10°	115368
15°	107333
20°	99557
25°	90753
30°	80803
35°	71614
40°	64374
45°	57595
50°	49425
55°	39753
60°	29632
65°	18924
70°	9124
75°	1519
80°	1132
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.8	6.5
10°-20°	236.6	16.5
20°-30°	306.6	21.4
30°-40°	300.5	21.0
40°-50°	254.6	17.8
50°-60°	166.9	11.6
60°-70°	67.1	4.7
70°-80°	7.7	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°	636.0	44.4
0°-40°	936.5	65.3
0°-60°	1358.1	94.8
0°-90°	1433.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1433.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1023	
5°	996	93
15°	844	237
25°	670	307
35°	478	300
45°	332	255
55°	186	167
65°	65	67
75°	3	8
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1023.3
2.5°	1015.2
5°	996.3
7.5°	964.5
10°	924.8
12.5°	882.0
15°	843.9
17.5°	802.7
20°	761.5
22.5°	717.0
25°	669.5
27.5°	620.3
30°	569.6
32.5°	521.9
35°	477.5
37.5°	441.1
40°	401.4
42.5°	366.4
45°	331.5
47.5°	295.1
50°	258.6
52.5°	222.1
55°	185.6
57.5°	152.3
60°	120.6
62.5°	92.0
65°	65.1
67.5°	42.8
70°	25.4
72.5°	11.1
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)