

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: P857825

Luminaire Tested: **LX4C35D010 EX4C359827 4LBSLI**

Issue Date: 2/9/2022



Test Information

Test Method: LM-79-08
Report Number: P857825
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: LX4C35D010 EX4C359827 4LBSLI
Description:
Light Source: -
Ballast/Driver: -

Summary

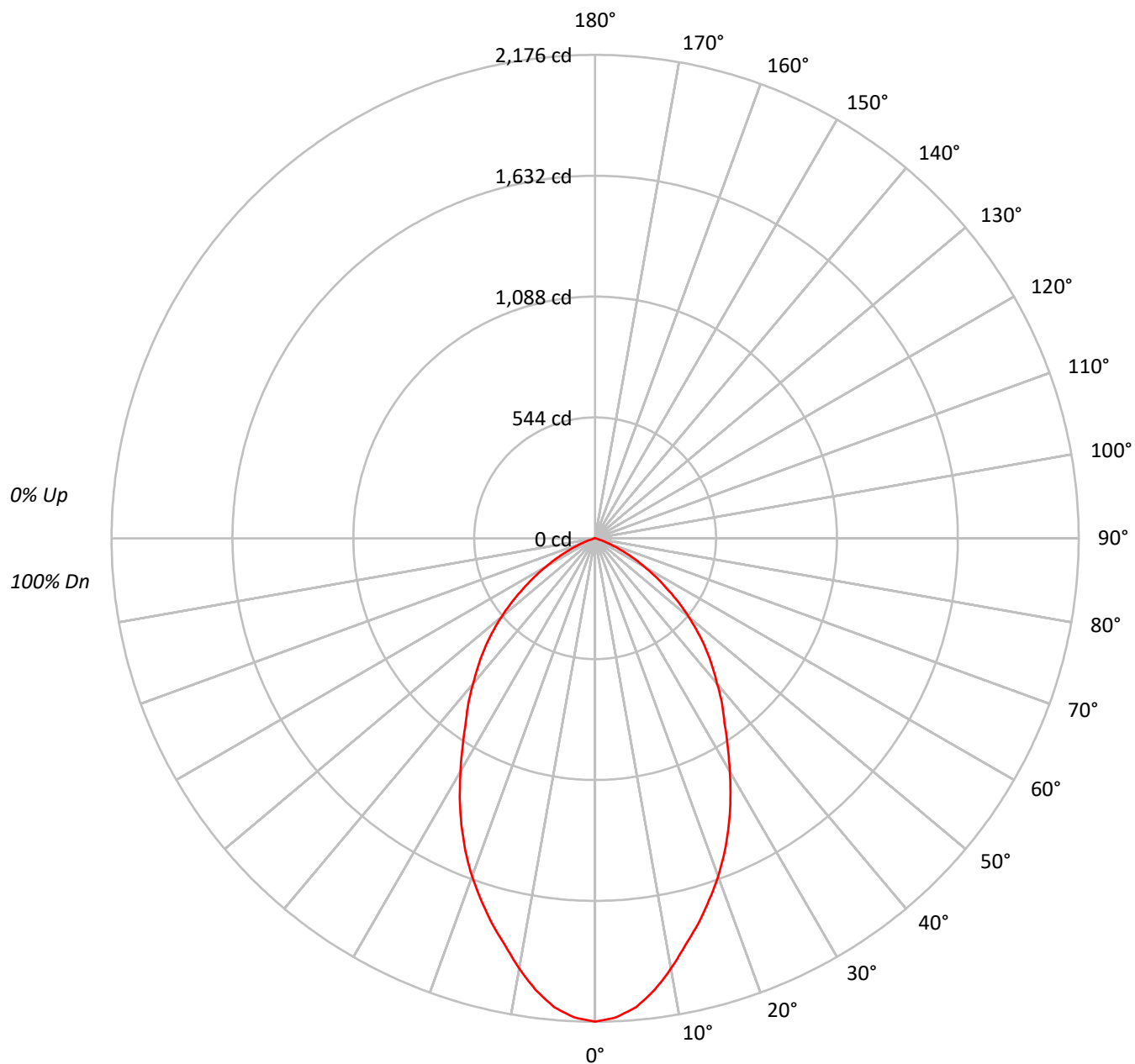
Lumens per Lamp: N/A
Luminaire Lumens: 3047.1 lumens
Efficiency: N/A
Efficacy: 75.4 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 1
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 40.4
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: P857825

CATALOG NUMBER: LX4C35D010 EX4C359827 4LBSLI

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°	267305
5°	261235
10°	245331
15°	228238
20°	211678
25°	192961
30°	171791
35°	152271
40°	136863
45°	122487
50°	105081
55°	84540
60°	62999
65°	40203
70°	19397
75°	3228
80°	2405
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	197.3	6.5
10°-20°	503.1	16.5
20°-30°	652.0	21.4
30°-40°	638.8	21.0
40°-50°	541.5	17.8
50°-60°	355.0	11.6
60°-70°	142.7	4.7
70°-80°	16.3	0.5
80°-90°	0.5	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°	1352.4	44.4
0°-40°	1991.2	65.3
0°-60°	2887.6	94.8
0°-90°	3047.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3047.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2176	
5°	2118	197
15°	1794	503
25°	1424	652
35°	1015	639
45°	705	541
55°	395	355
65°	138	143
75°	7	16
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	2175.8
2.5°	2158.8
5°	2118.3
7.5°	2050.8
10°	1966.6
12.5°	1875.5
15°	1794.5
17.5°	1706.9
20°	1619.1
22.5°	1524.7
25°	1423.5
27.5°	1318.9
30°	1211.0
32.5°	1109.8
35°	1015.3
37.5°	937.8
40°	853.4
42.5°	779.2
45°	705.0
47.5°	627.4
50°	549.8
52.5°	472.3
55°	394.7
57.5°	323.8
60°	256.4
62.5°	195.6
65°	138.3
67.5°	91.0
70°	54.0
72.5°	23.6
75°	6.8
77.5°	3.4
80°	3.4
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)