

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: P857819

Luminaire Tested: **LX4C35D010 EX4C359827 4LBMDLI**

Issue Date: 2/18/2022



Test Information

Test Method: LM-79-08
Report Number: P857819
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2105-247-8)
Test Lab: INNOVATION CENTER
Issue Date: 2/18/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX4C35D010 EX4C359827 4LBMDLI
Description:
Light Source: -
Ballast/Driver: -

Summary

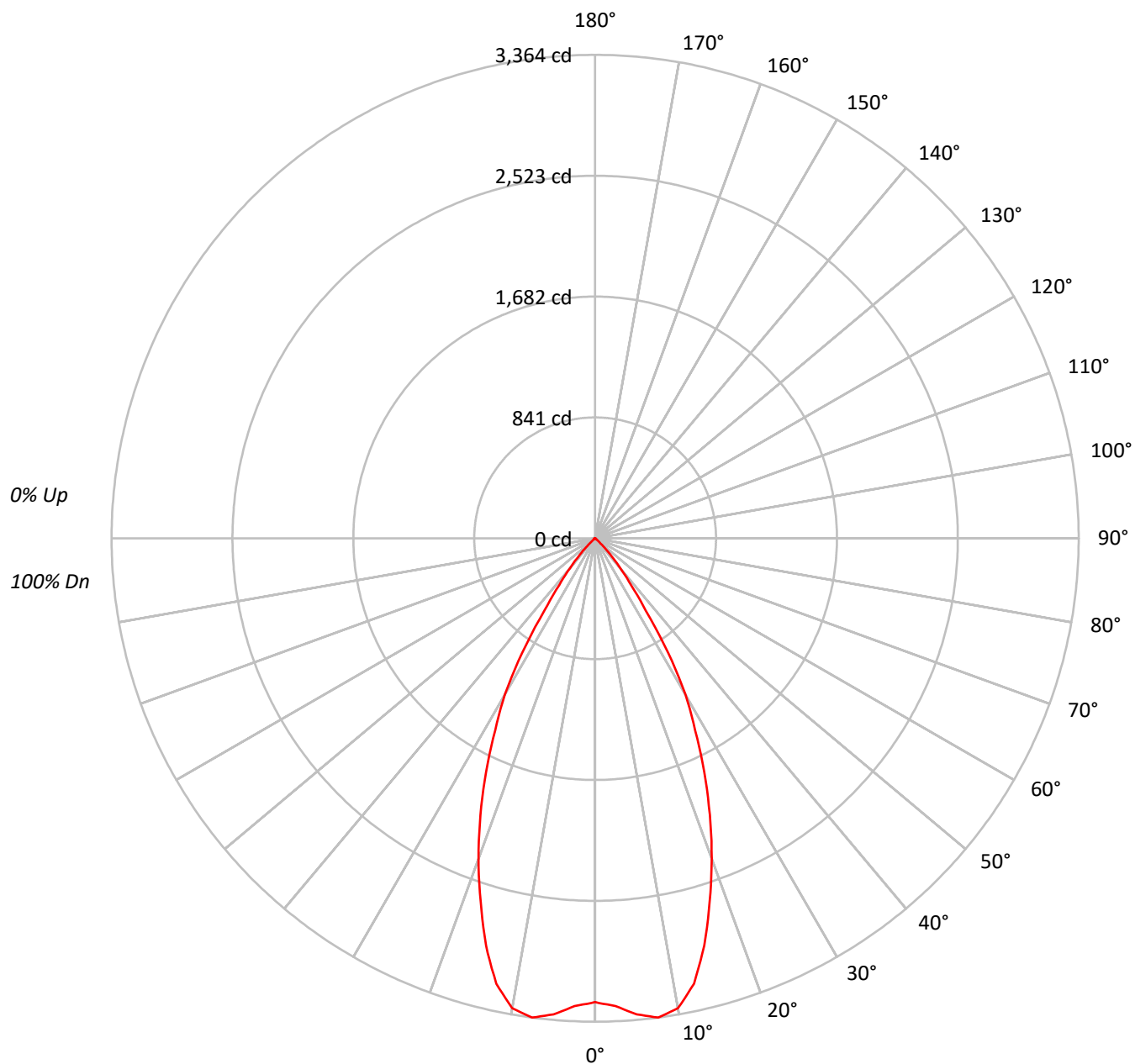
Lumens per Lamp: N/A
Luminaire Lumens: 2457.6 lumens
Efficiency: N/A
Efficacy: 60.8 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.82
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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: P857819

CATALOG NUMBER: LX4C35D010 EX4C359827 4LBMDLI

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	30	10
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102
1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96
2	109	104	100	97	107	102	99	96	99	96	94	96	94	92	94	92	90
3	104	98	93	89	102	96	92	89	94	90	87	91	88	86	89	87	85
4	99	92	87	83	97	91	86	82	89	85	81	87	83	80	85	82	79
5	94	87	81	77	93	86	81	77	84	79	76	82	78	75	81	77	75
6	90	82	76	72	89	81	76	72	80	75	71	78	74	71	77	73	70
7	86	77	72	68	85	77	71	68	75	71	67	74	70	67	73	69	67
8	82	73	68	64	81	73	67	64	72	67	63	71	66	63	70	66	63
9	79	70	64	60	78	69	64	60	68	63	60	67	63	60	66	63	60
10	75	66	61	57	74	66	61	57	65	60	57	64	60	57	63	59	57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	396559
5°	410073
10°	414228
15°	373142
20°	310097
25°	243278
30°	178033
35°	92011
40°	43686
45°	15376
50°	3478
55°	2249
60°	1573
65°	1192
70°	826
75°	570
80°	424
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	317.6	12.9
10°-20°	808.1	32.9
20°-30°	817.7	33.3
30°-40°	416.8	17.0
40°-50°	81.7	3.3
50°-60°	9.9	0.4
60°-70°	4.1	0.2
70°-80°	1.5	0.1
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°	1943.4	79.1
0°-40°	2360.2	96.0
0°-60°	2451.8	99.8
0°-90°	2457.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2457.6	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3228	
5°	3325	318
15°	2934	808
25°	1795	818
35°	614	417
45°	88	82
55°	10	10
65°	4	4
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	3227.9
2.5°	3257.8
5°	3325.2
7.5°	3363.8
10°	3320.5
12.5°	3174.6
15°	2933.8
17.5°	2649.6
20°	2371.9
22.5°	2084.2
25°	1794.7
27.5°	1506.4
30°	1255.0
32.5°	945.7
35°	613.5
37.5°	410.7
40°	272.4
42.5°	171.1
45°	88.5
47.5°	31.7
50°	18.2
52.5°	13.5
55°	10.5
57.5°	8.2
60°	6.4
62.5°	5.3
65°	4.1
67.5°	2.9
70°	2.3
72.5°	1.8
75°	1.2
77.5°	1.2
80°	0.6
82.5°	0.6
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)