

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: P857848

Luminaire Tested: **LX4C35D010 EX4C359835 4LBNH**

Issue Date: 2/8/2022



Test Information

Test Method: LM-79-08
Report Number: P857848
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P207666)
Test Lab: INNOVATION CENTER
Issue Date: 2/8/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX4C35D010 EX4C359835 4LBNH
Description:
Light Source: -
Ballast/Driver: -

Summary

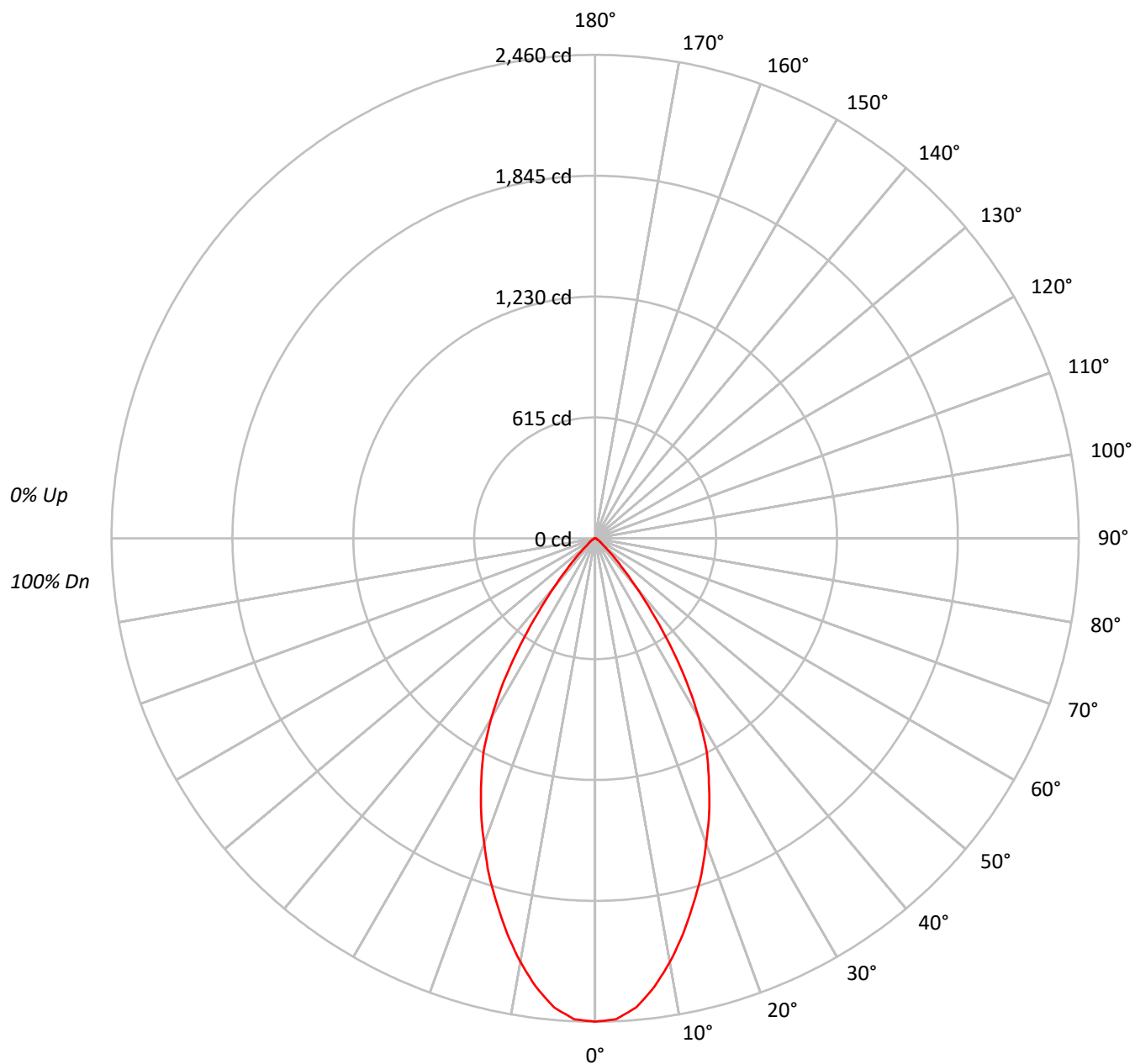
Lumens per Lamp: N/A
Luminaire Lumens: 1959.2 lumens
Efficiency: N/A
Efficacy: 48.5 lumens/watt
Spacing Criteria (0/90/45): 0.81 / 0.81 / 0.85
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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: P857848

CATALOG NUMBER: LX4C35D010 EX4C359835 4LBNH

Luminous Intensity Polar Plot





TEST NUMBER: P857848

CATALOG NUMBER: LX4C35D010 EX4C359835 4LBNH

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	113	111	108	106	111	109	106	104	105	103	101		101	99	98		97
2	108	103	99	96	106	101	98	94	98	95	92		95	93	90		92
3	102	96	91	87	100	95	90	86	92	88	85		90	86	84		87
4	97	90	84	80	95	89	83	79	86	82	78		84	81	78		83
5	92	84	78	74	91	83	78	73	81	76	73		80	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	83	74	68	64	82	73	68	64	72	67	63		71	66	63		70
8	79	70	64	60	78	69	64	60	68	63	59		67	63	59		66
9	76	66	60	56	74	65	60	56	65	59	56		64	59	56		63
10	72	62	57	53	71	62	56	53	61	56	53		60	56	52		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	302195
5°	295469
10°	273187
15°	245128
20°	215783
25°	185709
30°	149548
35°	99554
40°	51785
45°	23438
50°	10168
55°	6811
60°	4374
65°	3110
70°	2550
75°	1709
80°	0
85°	0



TEST NUMBER: P857848

CATALOG NUMBER: LX4C35D010 EX4C359835 4LBNH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	221.9	11.3
10°-20°	538.3	27.5
20°-30°	625.0	31.9
30°-40°	413.9	21.1
40°-50°	116.1	5.9
50°-60°	29.1	1.5
60°-70°	11.0	0.6
70°-80°	3.8	0.2
80°-90°	0.0	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°	1385.3	70.7
0°-40°	1799.2	91.8
0°-60°	1944.4	99.2
0°-90°	1959.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1959.2	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2460	
5°	2396	222
15°	1927	538
25°	1370	625
35°	664	414
45°	135	116
55°	32	29
65°	11	11
75°	4	4
85°	0	0
90°	0	



TEST NUMBER: P857848

CATALOG NUMBER: LX4C35D010 EX4C359835 4LBNH

CANDELA DISTRIBUTION (FULL):

	0°
0°	2459.8
2.5°	2449.2
5°	2395.9
7.5°	2303.5
10°	2189.9
12.5°	2062.2
15°	1927.3
17.5°	1796.0
20°	1650.5
22.5°	1515.6
25°	1370.0
27.5°	1231.7
30°	1054.2
32.5°	866.1
35°	663.8
37.5°	475.7
40°	322.9
42.5°	209.4
45°	134.9
47.5°	81.7
50°	53.2
52.5°	39.0
55°	31.8
57.5°	24.9
60°	17.8
62.5°	14.3
65°	10.7
67.5°	7.1
70°	7.1
72.5°	3.6
75°	3.6
77.5°	3.6
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)