

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: P857838

Luminaire Tested: **LX4C35D010 EX4C359830 4LBSLI**

Issue Date: 2/9/2022



Test Information

Test Method: LM-79-08
Report Number: P857838
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 EX4C359830 4LBSLI
Description:
Light Source: -
Ballast/Driver: -

Summary

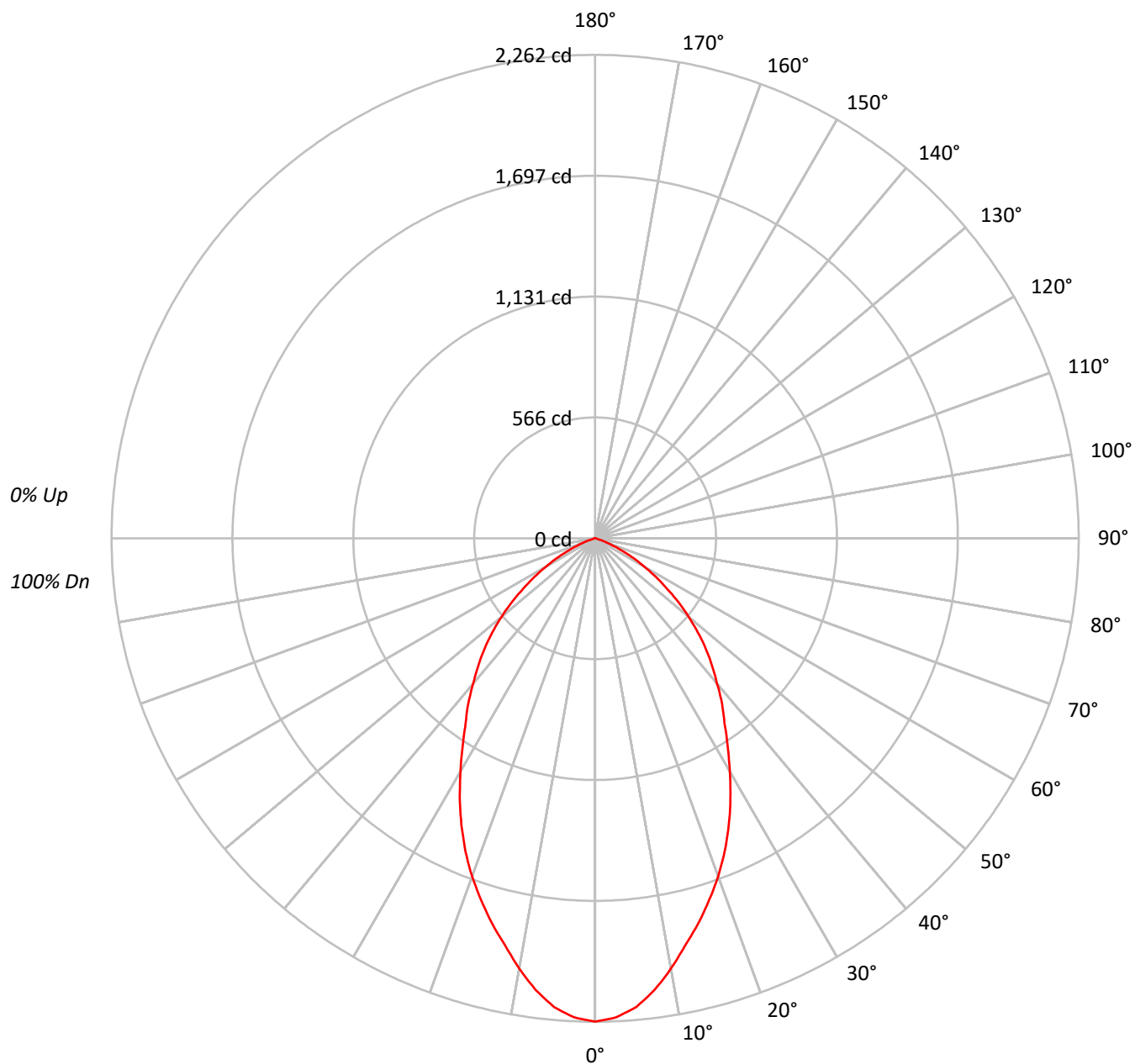
Lumens per Lamp: N/A
Luminaire Lumens: 3167.5 lumens
Efficiency: N/A
Efficacy: 78.4 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 1
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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: P857838

CATALOG NUMBER: LX4C35D010 EX4C359830 4LBSLI

Luminous Intensity Polar Plot





TEST NUMBER: P857838

CATALOG NUMBER: LX4C35D010 EX4C359830 4LBSLI

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	112	108	105	102	109	106	103	101	102	100	98	98	96	95	95	93	92
2	104	98	93	88	102	96	91	87	93	89	85	90	86	84	87	84	82
3	97	89	82	77	95	87	81	77	84	79	75	82	78	74	79	76	73
4	90	81	73	68	88	79	73	68	77	71	67	75	70	66	73	69	65
5	84	73	66	61	82	72	65	60	70	64	60	69	63	59	67	62	59
6	79	67	60	54	77	66	59	54	65	58	54	63	58	53	62	57	53
7	74	62	54	49	72	61	54	49	60	53	49	58	53	48	57	52	48
8	69	57	50	45	68	57	50	45	55	49	45	54	49	44	53	48	44
9	65	53	46	41	64	53	46	41	52	45	41	51	45	41	50	44	41
10	61	50	43	38	60	49	42	38	48	42	38	47	42	38	46	41	37

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	277845
5°	271569
10°	255011
15°	237255
20°	220045
25°	200593
30°	178586
35°	158300
40°	142268
45°	127335
50°	109229
55°	87882
60°	65481
65°	41773
70°	20151
75°	3323
80°	2476
85°	0



TEST NUMBER: P857838

CATALOG NUMBER: LX4C35D010 EX4C359830 4LBSLI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	205.1	6.5
10°-20°	523.0	16.5
20°-30°	677.7	21.4
30°-40°	664.1	21.0
40°-50°	562.9	17.8
50°-60°	369.0	11.6
60°-70°	148.3	4.7
70°-80°	16.9	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°	1405.8	44.4
0°-40°	2069.9	65.3
0°-60°	3001.8	94.8
0°-90°	3167.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3167.5	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2262	
5°	2202	205
15°	1865	523
25°	1480	678
35°	1056	664
45°	733	563
55°	410	369
65°	144	148
75°	7	17
85°	0	0
90°	0	



TEST NUMBER: P857838

CATALOG NUMBER: LX4C35D010 EX4C359830 4LBSLI

CANDELA DISTRIBUTION (FULL):

	0°
0°	2261.6
2.5°	2244.2
5°	2202.1
7.5°	2131.9
10°	2044.2
12.5°	1949.6
15°	1865.4
17.5°	1774.3
20°	1683.1
22.5°	1585.0
25°	1479.8
27.5°	1371.0
30°	1258.9
32.5°	1153.6
35°	1055.5
37.5°	974.9
40°	887.1
42.5°	810.0
45°	732.9
47.5°	652.2
50°	571.5
52.5°	490.9
55°	410.3
57.5°	336.6
60°	266.5
62.5°	203.3
65°	143.7
67.5°	94.7
70°	56.1
72.5°	24.5
75°	7.0
77.5°	3.5
80°	3.5
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)