

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: P857820

Luminaire Tested: **LX4C35D010 EX4C359827 4LBMH**

Issue Date: 2/8/2022



Test Information

Test Method: LM-79-08
Report Number: P857820
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P206636)
Test Lab: INNOVATION CENTER
Issue Date: 2/8/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX4C35D010 EX4C359827 4LBMH
Description:
Light Source: -
Ballast/Driver: -

Summary

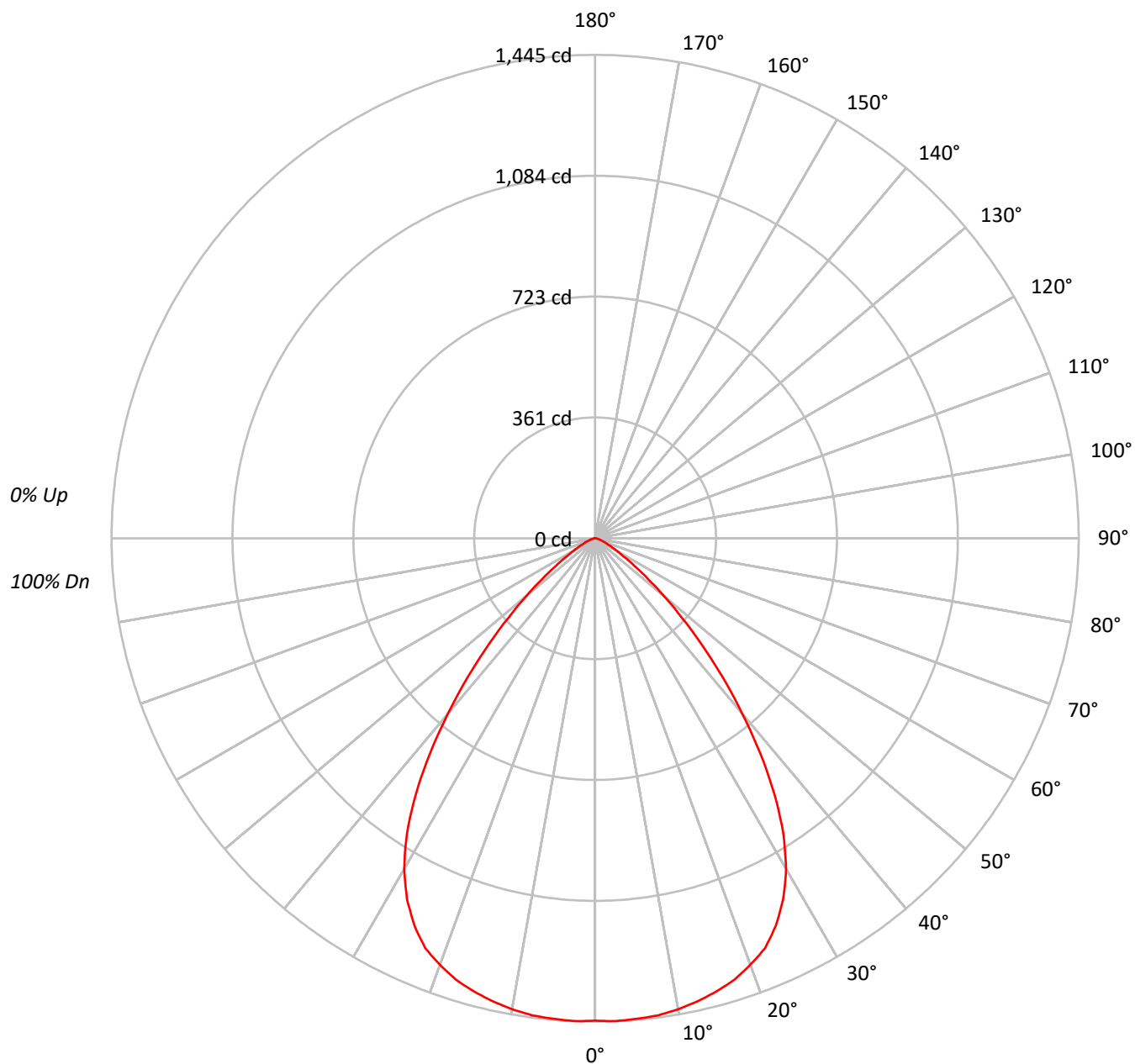
Lumens per Lamp: N/A
Luminaire Lumens: 2236.5 lumens
Efficiency: N/A
Efficacy: 55.4 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.18 / 1.13
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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: P857820

CATALOG NUMBER: LX4C35D010 EX4C359827 4LBMH

Luminous Intensity Polar Plot





TEST NUMBER: P857820

CATALOG NUMBER: LX4C35D010 EX4C359827 4LBMH

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	109	106	104	110	107	104	102	103	101	99		99	97	96		96
2	105	100	95	91	103	98	93	90	95	91	88		91	88	86		89
3	99	91	85	80	97	90	84	80	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	64	74	68	64		72	67	63		70
6	81	71	64	58	80	70	63	58	68	62	58		67	61	57		65
7	76	65	58	53	75	65	58	53	63	57	53		62	56	52		61
8	72	60	53	49	70	60	53	49	59	53	48		58	52	48		57
9	68	56	49	45	66	56	49	45	55	49	44		54	48	44		53
10	64	52	46	41	63	52	46	41	51	45	41		50	45	41		49

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	177106
5°	177782
10°	178316
15°	178329
20°	177346
25°	173197
30°	161875
35°	140168
40°	109503
45°	78566
50°	51050
55°	30565
60°	17887
65°	11482
70°	7615
75°	5743
80°	4316
85°	0



TEST NUMBER: P857820

CATALOG NUMBER: LX4C35D010 EX4C359827 4LBMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	137.3	6.1
10°-20°	395.6	17.7
20°-30°	583.7	26.1
30°-40°	576.0	25.8
40°-50°	352.5	15.8
50°-60°	135.2	6.0
60°-70°	42.3	1.9
70°-80°	12.4	0.6
80°-90°	1.6	0.1
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°	1116.6	49.9
0°-40°	1692.6	75.7
0°-60°	2180.2	97.5
0°-90°	2236.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2236.5	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1442	
5°	1442	137
15°	1402	396
25°	1278	584
35°	935	576
45°	452	353
55°	143	135
65°	40	42
75°	12	12
85°	0	2
90°	0	



TEST NUMBER: P857820

CATALOG NUMBER: LX4C35D010 EX4C359827 4LBMH

CANDELA DISTRIBUTION (FULL):

	0°
0°	1441.6
2.5°	1444.6
5°	1441.6
7.5°	1438.5
10°	1429.4
12.5°	1417.2
15°	1402.1
17.5°	1383.8
20°	1356.5
22.5°	1326.3
25°	1277.7
27.5°	1216.9
30°	1141.1
32.5°	1047.1
35°	934.6
37.5°	810.2
40°	682.8
42.5°	564.5
45°	452.2
47.5°	352.0
50°	267.1
52.5°	197.3
55°	142.7
57.5°	100.1
60°	72.8
62.5°	54.7
65°	39.5
67.5°	30.4
70°	21.2
72.5°	15.2
75°	12.1
77.5°	6.1
80°	6.1
82.5°	3.0
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)