

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: P857870

Luminaire Tested: **LX4C35D010 EX4C359850 4LBMDH**

Issue Date: 2/18/2022



Test Information

Test Method: LM-79-08
Report Number: P857870
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2105-247-9)
Test Lab: INNOVATION CENTER
Issue Date: 2/18/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX4C35D010 EX4C359850 4LBMDH
Description:
Light Source: -
Ballast/Driver: -

Summary

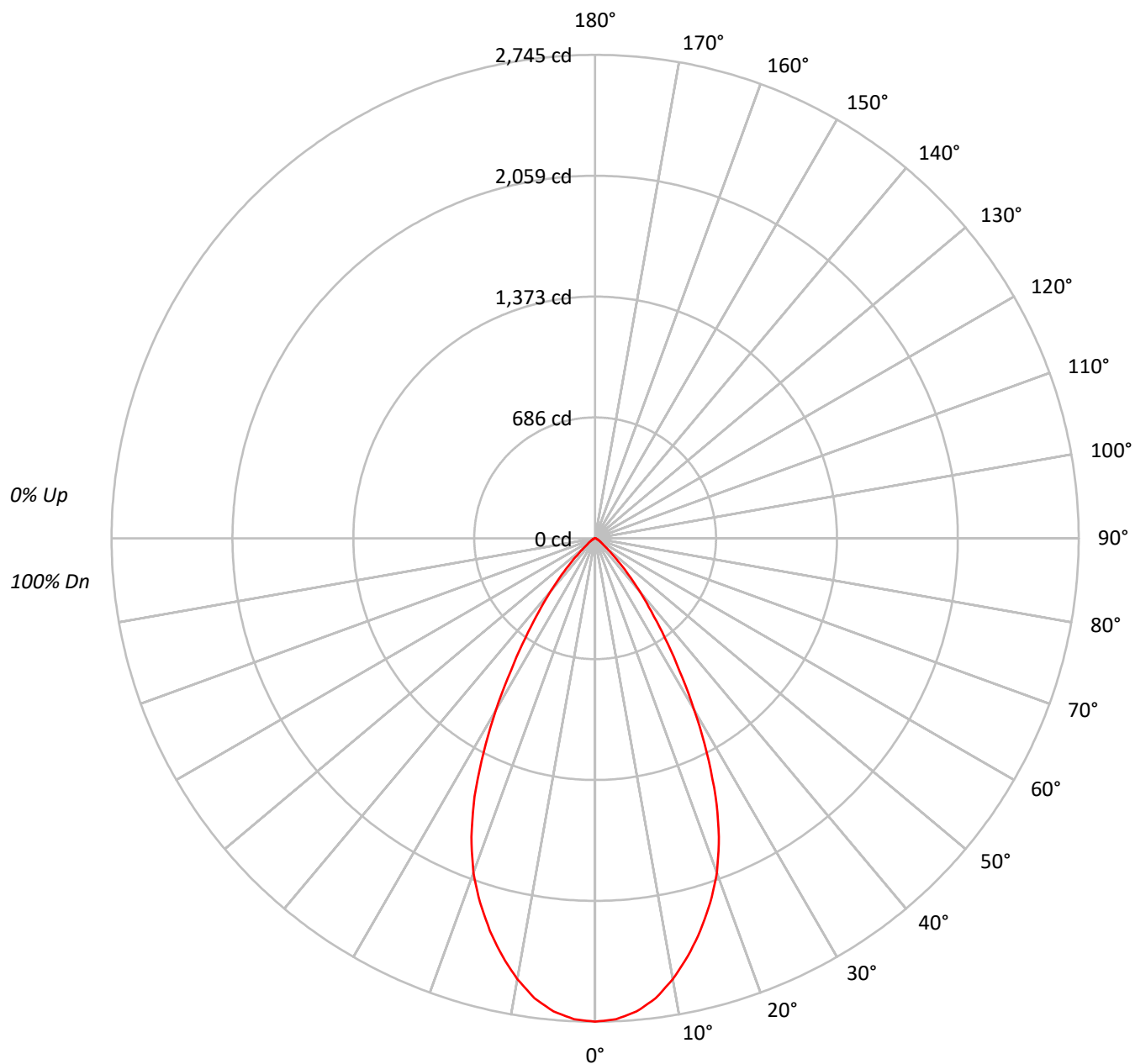
Lumens per Lamp: N/A
Luminaire Lumens: 2278.3 lumens
Efficiency: N/A
Efficacy: 56.4 lumens/watt
Spacing Criteria (0/90/45): 0.86 / 0.86 / 0.83
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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: P857870

CATALOG NUMBER: LX4C35D010 EX4C359850 4LBMDH

Luminous Intensity Polar Plot





TEST NUMBER: P857870

CATALOG NUMBER: LX4C35D010 EX4C359850 4LBMDH

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	104	103	101		101	99	98		97
2	108	103	99	95	106	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	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	62	59		66
9	76	66	60	56	74	65	60	56	64	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°	337208
5°	332651
10°	317061
15°	293383
20°	264104
25°	219407
30°	159492
35°	103379
40°	62562
45°	32246
50°	14602
55°	8782
60°	5897
65°	4215
70°	3161
75°	2136
80°	1344
85°	846



TEST NUMBER: P857870

CATALOG NUMBER: LX4C35D010 EX4C359850 4LBMDH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	252.5	11.1
10°-20°	643.7	28.3
20°-30°	727.9	31.9
30°-40°	439.9	19.3
40°-50°	154.1	6.8
50°-60°	39.4	1.7
60°-70°	15.1	0.7
70°-80°	5.1	0.2
80°-90°	0.7	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°	1624.1	71.3
0°-40°	2063.9	90.6
0°-60°	2257.4	99.1
0°-90°	2278.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2278.3	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2745	
5°	2697	253
15°	2307	644
25°	1619	728
35°	689	440
45°	186	154
55°	41	39
65°	14	15
75°	4	5
85°	1	1
90°	0	



TEST NUMBER: P857870

CATALOG NUMBER: LX4C35D010 EX4C359850 4LBMDH

CANDELA DISTRIBUTION (FULL):

	0°
0°	2744.8
2.5°	2733.5
5°	2697.4
7.5°	2633.7
10°	2541.6
12.5°	2430.4
15°	2306.7
17.5°	2170.9
20°	2020.1
22.5°	1835.1
25°	1618.6
27.5°	1370.5
30°	1124.3
32.5°	888.8
35°	689.3
37.5°	522.7
40°	390.1
42.5°	280.3
45°	185.6
47.5°	114.2
50°	76.4
52.5°	54.9
55°	41.0
57.5°	31.6
60°	24.0
62.5°	18.9
65°	14.5
67.5°	11.3
70°	8.8
72.5°	6.3
75°	4.5
77.5°	3.1
80°	1.9
82.5°	1.2
85°	0.6
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)