

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: P857473

Luminaire Tested: **LX4C25D010 EX4C259835 4LBSLI**

Issue Date: 2/9/2022



Test Information

Test Method: LM-79-08
Report Number: P857473
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: LX4C25D010 EX4C259835 4LBSLI
Description:
Light Source: -
Ballast/Driver: -

Summary

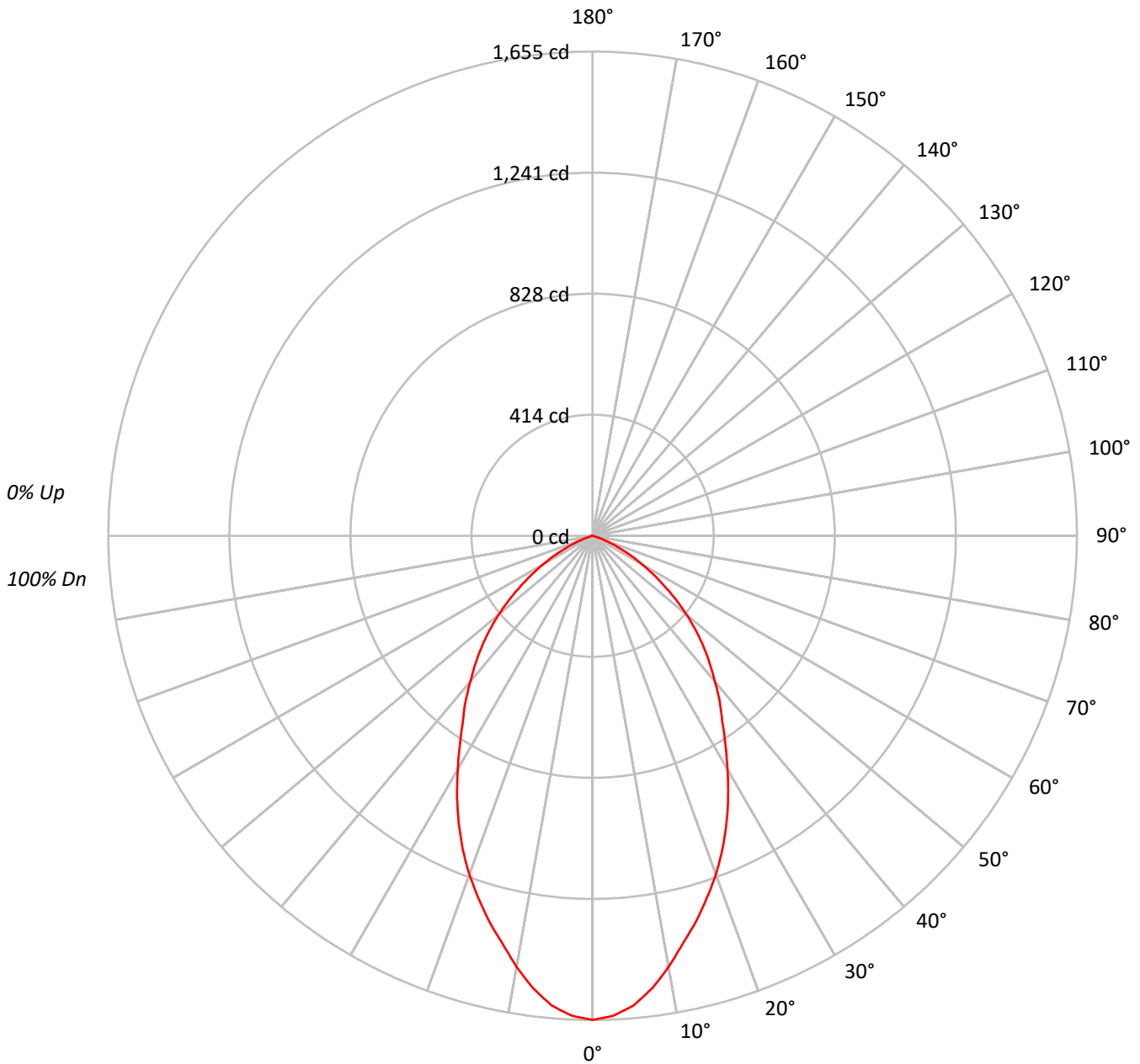
Lumens per Lamp: N/A
Luminaire Lumens: 2317.7 lumens
Efficiency: N/A
Efficacy: 73.6 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 1
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 31.5
Input Voltage (V):
Input Current (A_{in}): 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: P857473

CATALOG NUMBER: LX4C25D010 EX4C259835 4LBSLI

Luminous Intensity Polar Plot





TEST NUMBER: P857473

CATALOG NUMBER: LX4C25D010 EX4C259835 4LBSLI

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			100
1	112	108	105	102	109	106	103	101	102	100	98	98	96	95	95	93	92	90			90
2	104	98	93	88	102	96	91	87	93	89	85	90	86	84	87	84	82	80			80
3	97	89	82	77	95	87	81	77	84	79	75	82	78	74	79	76	73	71			71
4	90	81	73	68	88	79	73	68	77	71	67	75	70	66	73	69	65	63			63
5	84	73	66	61	82	72	65	60	70	64	60	69	63	59	67	62	59	57			57
6	79	67	60	54	77	66	59	54	65	58	54	63	58	53	62	57	53	51			51
7	74	62	54	49	72	61	54	49	60	53	49	58	53	48	57	52	48	46			46
8	69	57	50	45	68	57	50	45	55	49	45	54	49	44	53	48	44	42			42
9	65	53	46	41	64	53	46	41	52	45	41	51	45	41	50	44	41	39			39
10	61	50	43	38	60	49	42	38	48	42	38	47	42	38	46	41	37	36			36

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	203310
5°	198698
10°	186599
15°	173598
20°	161004
25°	146778
30°	130666
35°	115812
40°	104099
45°	93177
50°	79929
55°	64299
60°	47888
65°	30581
70°	14727
75°	2468
80°	1839
85°	0



TEST NUMBER: P857473

CATALOG NUMBER: LX4C25D010 EX4C259835 4LBSLI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	150.1	6.5
10°-20°	382.7	16.5
20°-30°	495.9	21.4
30°-40°	485.9	21.0
40°-50°	411.9	17.8
50°-60°	270.0	11.6
60°-70°	108.5	4.7
70°-80°	12.4	0.5
80°-90°	0.4	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°	1028.7	44.4
0°-40°	1514.5	65.3
0°-60°	2196.4	94.8
0°-90°	2317.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2317.7	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1655	
5°	1611	150
15°	1365	383
25°	1083	496
35°	772	486
45°	536	412
55°	300	270
65°	105	109
75°	5	12
85°	0	0
90°	0	



TEST NUMBER: P857473

CATALOG NUMBER: LX4C25D010 EX4C259835 4LBSLI

CANDELA DISTRIBUTION (FULL):

0°	
0°	1654.9
2.5°	1642.1
5°	1611.2
7.5°	1559.9
10°	1495.8
12.5°	1426.5
15°	1364.9
17.5°	1298.3
20°	1231.5
22.5°	1159.7
25°	1082.8
27.5°	1003.2
30°	921.1
32.5°	844.1
35°	772.2
37.5°	713.3
40°	649.1
42.5°	592.7
45°	536.3
47.5°	477.3
50°	418.2
52.5°	359.2
55°	300.2
57.5°	246.3
60°	194.9
62.5°	148.8
65°	105.2
67.5°	69.3
70°	41.0
72.5°	17.9
75°	5.2
77.5°	2.6
80°	2.6
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)