

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: P857655

Luminaire Tested: **LX4C30D010 EX4C309840 4LBMDH**

Issue Date: 2/18/2022



Test Information

Test Method: LM-79-08
Report Number: P857655
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: LX4C30D010 EX4C309840 4LBMDH
Description:
Light Source: -
Ballast/Driver: -

Summary

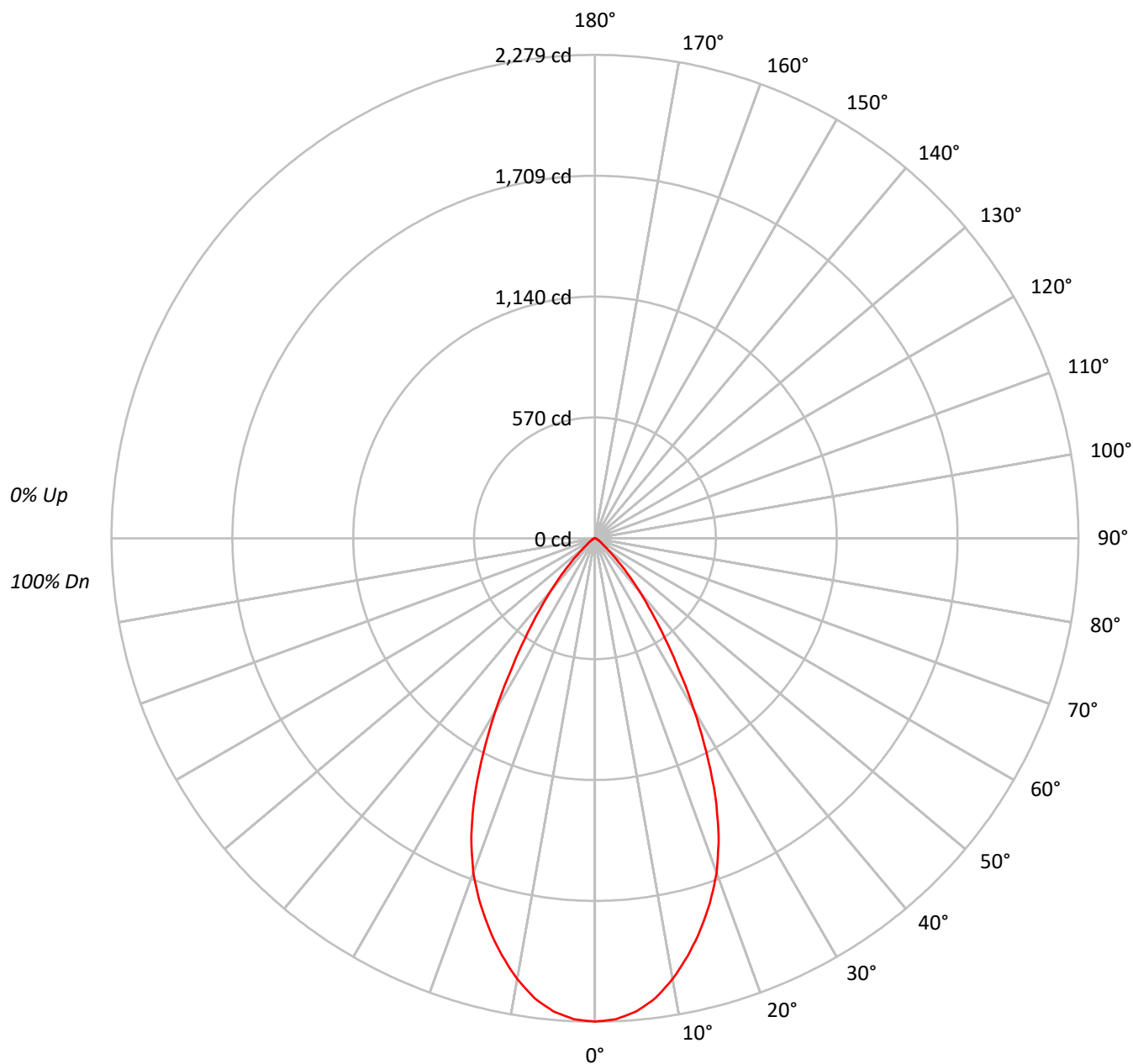
Lumens per Lamp: N/A
Luminaire Lumens: 1891.4 lumens
Efficiency: N/A
Efficacy: 59.9 lumens/watt
Spacing Criteria (0/90/45): 0.86 / 0.86 / 0.83
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 31.6
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: P857655

CATALOG NUMBER: LX4C30D010 EX4C309840 4LBMDH

Luminous Intensity Polar Plot





TEST NUMBER: P857655

CATALOG NUMBER: LX4C30D010 EX4C309840 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	63	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°	279934
5°	276157
10°	263207
15°	243538
20°	219234
25°	182144
30°	132397
35°	85816
40°	51945
45°	26773
50°	12117
55°	7304
60°	4890
65°	3488
70°	2622
75°	1756
80°	1132
85°	705



TEST NUMBER: P857655

CATALOG NUMBER: LX4C30D010 EX4C309840 4LBMDH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	209.6	11.1
10°-20°	534.3	28.3
20°-30°	604.2	31.9
30°-40°	365.1	19.3
40°-50°	127.9	6.8
50°-60°	32.7	1.7
60°-70°	12.5	0.7
70°-80°	4.2	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°	1348.2	71.3
0°-40°	1713.3	90.6
0°-60°	1874.0	99.1
0°-90°	1891.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1891.4	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2279	
5°	2239	210
15°	1915	534
25°	1344	604
35°	572	365
45°	154	128
55°	34	33
65°	12	13
75°	4	4
85°	0	1
90°	0	



TEST NUMBER: P857655

CATALOG NUMBER: LX4C30D010 EX4C309840 4LBMDH

CANDELA DISTRIBUTION (FULL):

	0°
0°	2278.6
2.5°	2269.1
5°	2239.3
7.5°	2186.4
10°	2109.9
12.5°	2017.6
15°	1914.8
17.5°	1802.2
20°	1676.9
22.5°	1523.5
25°	1343.7
27.5°	1137.7
30°	933.3
32.5°	737.8
35°	572.2
37.5°	433.9
40°	323.9
42.5°	232.7
45°	154.1
47.5°	94.9
50°	63.4
52.5°	45.6
55°	34.1
57.5°	26.2
60°	19.9
62.5°	15.7
65°	12.0
67.5°	9.5
70°	7.3
72.5°	5.3
75°	3.7
77.5°	2.6
80°	1.6
82.5°	1.1
85°	0.5
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)