

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: P857630

Luminaire Tested: **LX4C30D010 EX4C309830 4LBMDLI**

Issue Date: 2/18/2022



Test Information

Test Method: LM-79-08
Report Number: P857630
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2105-247-8)
Test Lab: INNOVATION CENTER
Issue Date: 2/18/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX4C30D010 EX4C309830 4LBMDLI
Description:
Light Source: -
Ballast/Driver: -

Summary

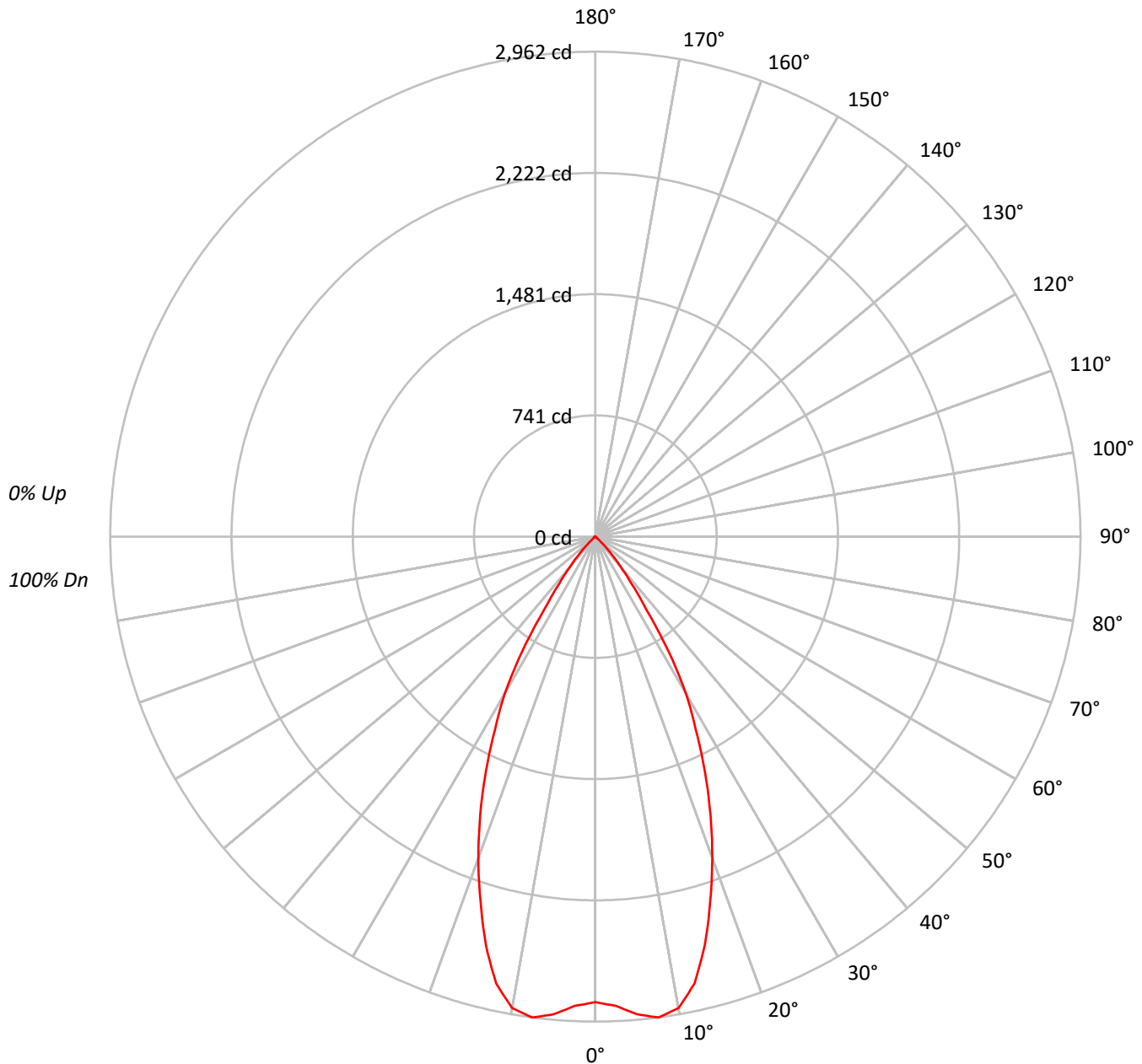
Lumens per Lamp: N/A
Luminaire Lumens: 2164.3 lumens
Efficiency: N/A
Efficacy: 68.5 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.82
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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: P857630

CATALOG NUMBER: LX4C30D010 EX4C309830 4LBMDLI

Luminous Intensity Polar Plot





TEST NUMBER: P857630

CATALOG NUMBER: LX4C30D010 EX4C309830 4LBMDLI

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	114	111	109	107	111	109	107	105	105	103	102		101	100	99		98
2	109	104	100	97	107	102	99	96	99	96	94		96	94	92		94
3	104	98	93	89	102	96	92	89	94	90	87		91	88	86		89
4	99	92	87	83	97	91	86	82	89	85	81		87	83	80		85
5	94	87	81	77	93	86	81	77	84	79	76		82	78	75		81
6	90	82	76	72	89	81	76	72	79	75	71		78	74	71		77
7	86	77	72	68	85	77	71	68	75	71	67		74	70	67		73
8	82	73	68	64	81	73	67	64	72	67	63		71	66	63		70
9	79	70	64	60	78	69	64	60	68	63	60		67	63	60		66
10	75	66	61	57	74	66	61	57	65	60	57		64	60	57		63

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	349223
5°	361114
10°	364778
15°	328601
20°	273072
25°	214243
30°	156783
35°	81017
40°	38490
45°	13534
50°	3058
55°	1992
60°	1401
65°	1076
70°	754
75°	522
80°	354
85°	0



TEST NUMBER: P857630

CATALOG NUMBER: LX4C30D010 EX4C309830 4LBMDLI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	279.7	12.9
10°-20°	711.6	32.9
20°-30°	720.1	33.3
30°-40°	367.1	17.0
40°-50°	72.0	3.3
50°-60°	8.7	0.4
60°-70°	3.6	0.2
70°-80°	1.3	0.1
80°-90°	0.2	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°	1711.4	79.1
0°-40°	2078.4	96.0
0°-60°	2159.1	99.8
0°-90°	2164.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2164.3	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2843	
5°	2928	280
15°	2584	712
25°	1580	720
35°	540	367
45°	78	72
55°	9	9
65°	4	4
75°	1	1
85°	0	0
90°	0	



TEST NUMBER: P857630

CATALOG NUMBER: LX4C30D010 EX4C309830 4LBMDLI

CANDELA DISTRIBUTION (FULL):

	0°
0°	2842.6
2.5°	2868.9
5°	2928.2
7.5°	2962.3
10°	2924.1
12.5°	2795.6
15°	2583.6
17.5°	2333.3
20°	2088.7
22.5°	1835.4
25°	1580.5
27.5°	1326.6
30°	1105.2
32.5°	832.8
35°	540.2
37.5°	361.7
40°	240.0
42.5°	150.7
45°	77.9
47.5°	27.8
50°	16.0
52.5°	11.9
55°	9.3
57.5°	7.2
60°	5.7
62.5°	4.6
65°	3.7
67.5°	2.6
70°	2.1
72.5°	1.5
75°	1.1
77.5°	1.1
80°	0.5
82.5°	0.5
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)