

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: P857669

Luminaire Tested: **LX4C30D010 EX4C309850 4LBMDLI**

Issue Date: 2/18/2022



Test Information

Test Method: LM-79-08
Report Number: P857669
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 EX4C309850 4LBMDLI
Description:
Light Source: -
Ballast/Driver: -

Summary

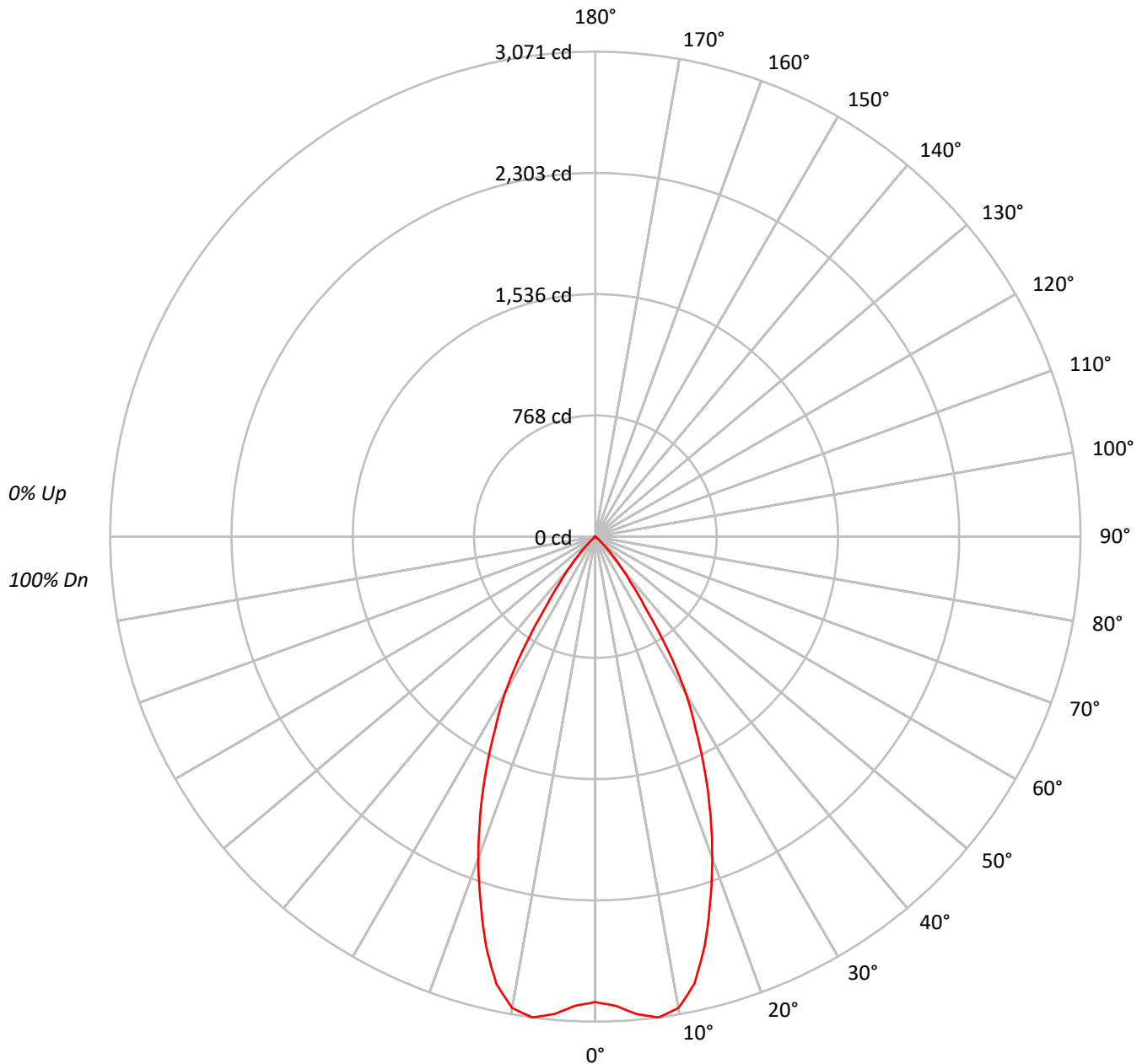
Lumens per Lamp: N/A
Luminaire Lumens: 2243.6 lumens
Efficiency: N/A
Efficacy: 71.0 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.82
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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

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Luminous Intensity Polar Plot





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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	80	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°	362037
5°	374371
10°	378163
15°	340646
20°	283087
25°	222091
30°	162542
35°	83987
40°	39885
45°	14038
50°	3173
55°	2056
60°	1450
65°	1076
70°	754
75°	522
80°	354
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	289.9	12.9
10°-20°	737.7	32.9
20°-30°	746.5	33.3
30°-40°	380.6	17.0
40°-50°	74.6	3.3
50°-60°	9.0	0.4
60°-70°	3.7	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°	1774.1	79.1
0°-40°	2154.7	96.0
0°-60°	2238.3	99.8
0°-90°	2243.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2243.6	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2947	
5°	3036	290
15°	2678	738
25°	1638	746
35°	560	381
45°	81	75
55°	10	9
65°	4	4
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	2946.9
2.5°	2974.1
5°	3035.7
7.5°	3070.9
10°	3031.4
12.5°	2898.2
15°	2678.3
17.5°	2418.8
20°	2165.3
22.5°	1902.7
25°	1638.4
27.5°	1375.2
30°	1145.8
32.5°	863.4
35°	560.0
37.5°	375.0
40°	248.7
42.5°	156.2
45°	80.8
47.5°	28.9
50°	16.6
52.5°	12.3
55°	9.6
57.5°	7.5
60°	5.9
62.5°	4.8
65°	3.7
67.5°	2.7
70°	2.1
72.5°	1.6
75°	1.1
77.5°	1.1
80°	0.5
82.5°	0.5
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)