

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: P857622

Luminaire Tested: **LX4C30D010 EX4C309827 4LBSH**

Issue Date: 2/14/2022



Test Information

Test Method: LM-79-08
Report Number: P857622
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P205729)
Test Lab: INNOVATION CENTER
Issue Date: 2/14/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX4C30D010 EX4C309827 4LBSH
Description:
Light Source: -
Ballast/Driver: -

Summary

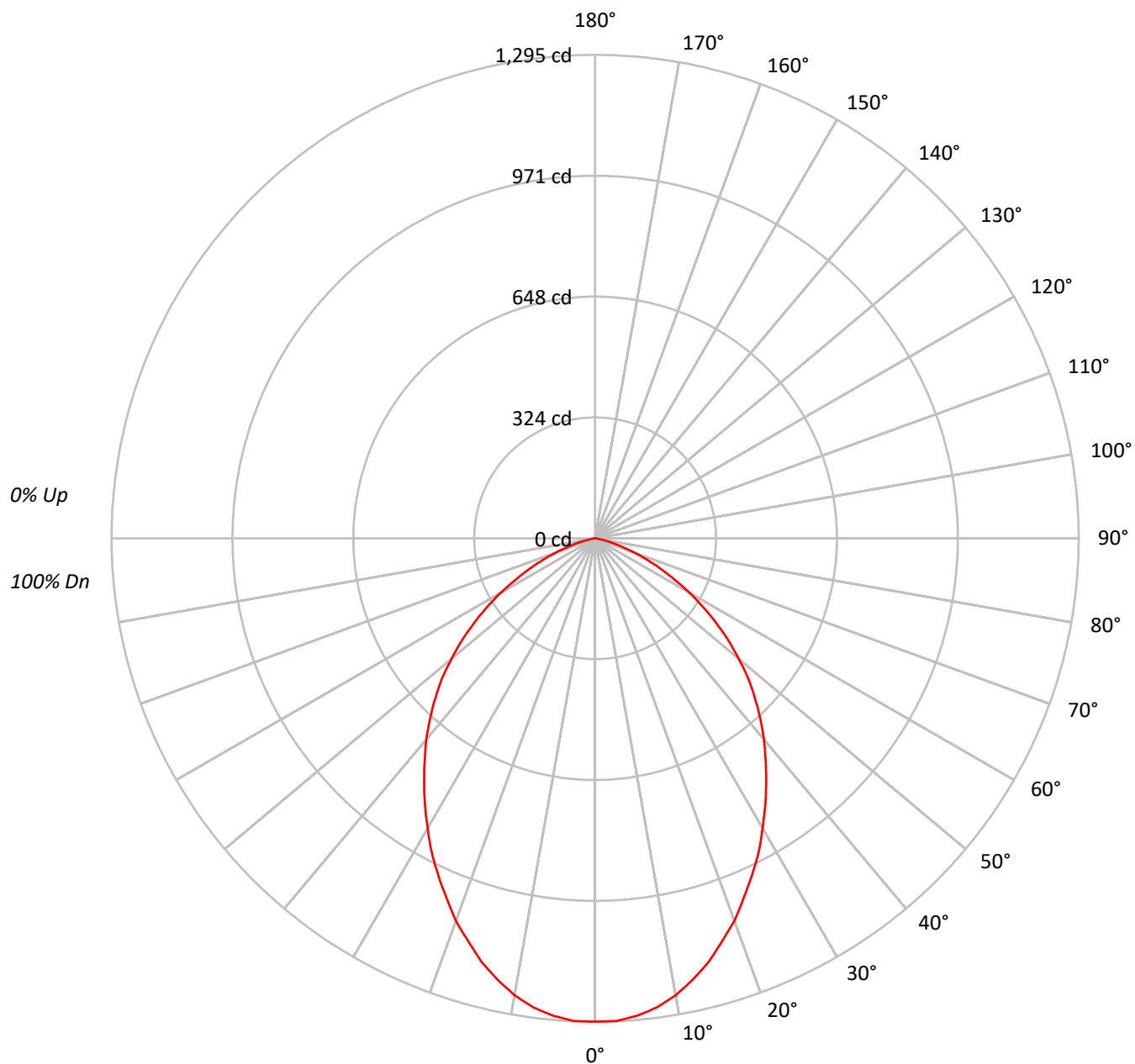
Lumens per Lamp: N/A
Luminaire Lumens: 2475.4 lumens
Efficiency: N/A
Efficacy: 78.3 lumens/watt
Spacing Criteria (0/90/45): 1.06 / 1.06 / 1.17
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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	111	107	104	101	108	105	102	99	101	98	96		97	95	93		93
2	102	96	90	85	100	94	88	84	90	86	82		87	83	80		84
3	95	85	78	73	92	84	77	72	81	75	71		78	74	70		76
4	87	77	69	63	85	75	68	63	73	67	62		71	65	61		69
5	81	69	61	55	79	68	61	55	66	60	55		64	59	54		63
6	75	63	55	49	73	62	54	49	60	54	49		59	53	48		57
7	70	58	50	44	68	57	49	44	55	49	44		54	48	43		53
8	65	53	45	40	64	52	45	40	51	44	39		50	44	39		49
9	61	49	41	36	60	48	41	36	47	40	36		46	40	36		45
10	58	45	38	33	56	45	38	33	44	37	33		43	37	33		42

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	159046
5°	158322
10°	155050
15°	149420
20°	142530
25°	134849
30°	127205
35°	119771
40°	112775
45°	105113
50°	95850
55°	84647
60°	71648
65°	56250
70°	40159
75°	22025
80°	3820
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	121.3	4.9
10°-20°	329.6	13.3
20°-30°	457.7	18.5
30°-40°	499.5	20.2
40°-50°	465.9	18.8
50°-60°	353.7	14.3
60°-70°	193.7	7.8
70°-80°	53.3	2.2
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°	908.6	36.7
0°-40°	1408.1	56.9
0°-60°	2227.7	90.0
0°-90°	2475.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2475.4	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1295	
5°	1284	121
15°	1175	330
25°	995	458
35°	799	500
45°	605	466
55°	395	354
65°	194	194
75°	46	53
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1294.6
2.5°	1294.6
5°	1283.8
7.5°	1267.4
10°	1242.9
12.5°	1210.2
15°	1174.8
17.5°	1131.2
20°	1090.2
22.5°	1041.2
25°	994.8
27.5°	948.5
30°	896.7
32.5°	847.7
35°	798.6
37.5°	749.5
40°	703.2
42.5°	654.1
45°	605.0
47.5°	556.0
50°	501.5
52.5°	449.7
55°	395.2
57.5°	343.4
60°	291.6
62.5°	239.9
65°	193.5
67.5°	149.9
70°	111.8
72.5°	76.3
75°	46.4
77.5°	21.8
80°	5.4
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)