

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: P857636

Luminaire Tested: **LX4C30D010 EX4C309830 4LBSLI**

Issue Date: 2/9/2022



Test Information

Test Method: LM-79-08
Report Number: P857636
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: LX4C30D010 EX4C309830 4LBSLI
Description:
Light Source: -
Ballast/Driver: -

Summary

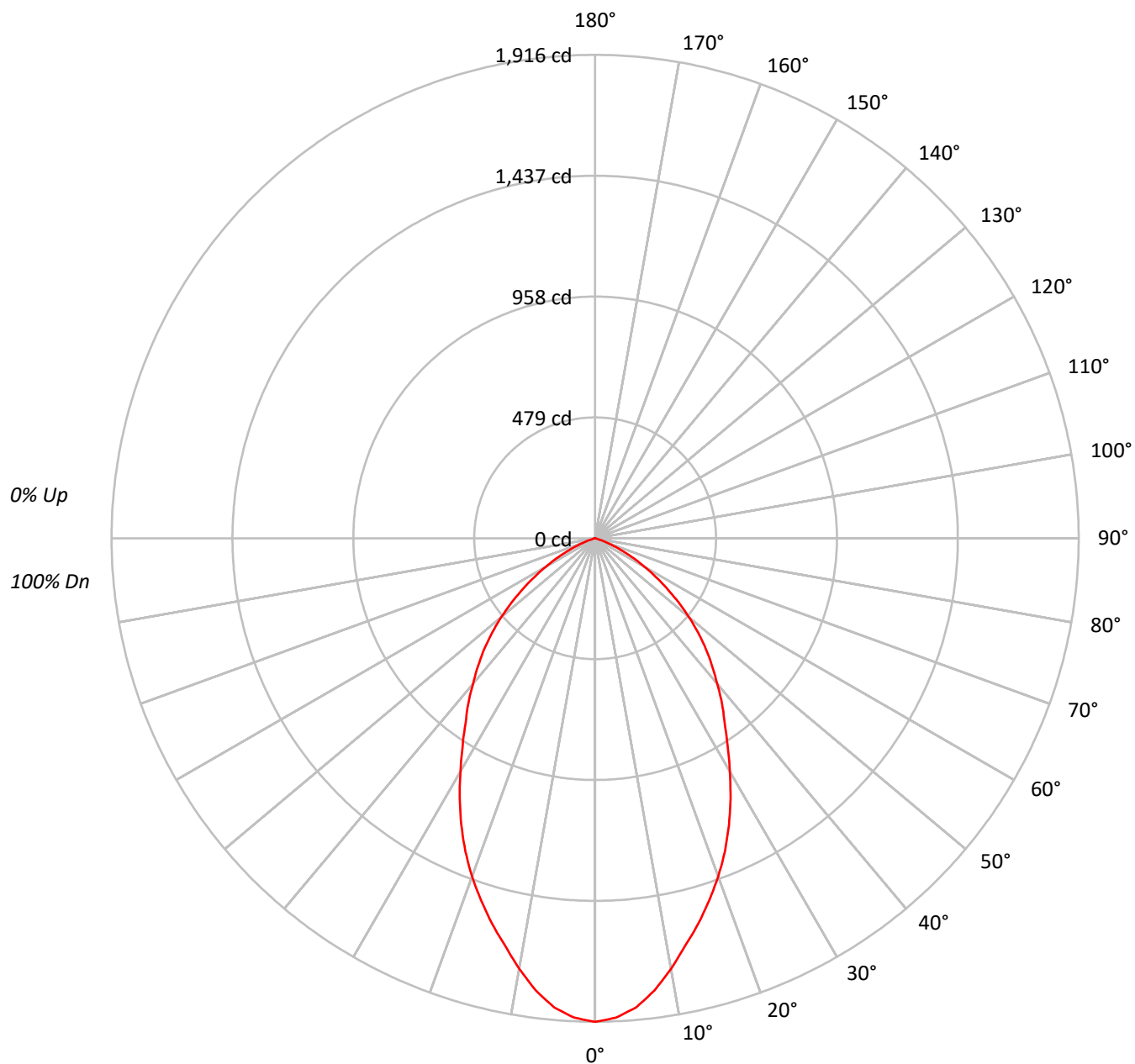
Lumens per Lamp: N/A
Luminaire Lumens: 2684.1 lumens
Efficiency: N/A
Efficacy: 84.9 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 1
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 31.6
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	112	108	105	102	109	106	103	101	102	100	98		98	96	95		95
2	104	98	93	88	102	96	91	87	93	89	85		90	86	84		87
3	97	89	82	77	95	87	81	77	84	79	75		82	78	74		79
4	90	81	73	68	88	79	73	68	77	71	67		75	70	66		73
5	84	73	66	61	82	72	65	60	70	64	60		69	63	59		67
6	79	67	60	54	77	66	59	54	65	58	54		63	58	53		62
7	74	62	54	49	72	61	54	49	60	53	49		58	53	48		57
8	69	57	50	45	68	57	50	45	55	49	45		54	49	44		53
9	65	53	46	41	64	53	46	41	52	45	41		51	45	41		50
10	61	50	43	38	60	49	42	38	48	42	38		47	42	38		46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	235449
5°	230133
10°	216102
15°	201058
20°	186472
25°	169984
30°	151335
35°	134139
40°	120553
45°	107893
50°	92562
55°	74473
60°	55481
65°	35407
70°	17062
75°	2848
80°	2052
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	173.8	6.5
10°-20°	443.2	16.5
20°-30°	574.3	21.4
30°-40°	562.7	21.0
40°-50°	477.0	17.8
50°-60°	312.7	11.6
60°-70°	125.7	4.7
70°-80°	14.4	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°	1191.3	44.4
0°-40°	1754.1	65.3
0°-60°	2543.7	94.8
0°-90°	2684.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2684.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1916	
5°	1866	174
15°	1581	443
25°	1254	574
35°	894	563
45°	621	477
55°	348	313
65°	122	126
75°	6	14
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1916.5
2.5°	1901.7
5°	1866.1
7.5°	1806.6
10°	1732.3
12.5°	1652.1
15°	1580.8
17.5°	1503.6
20°	1426.3
22.5°	1343.1
25°	1254.0
27.5°	1161.8
30°	1066.8
32.5°	977.6
35°	894.4
37.5°	826.1
40°	751.7
42.5°	686.4
45°	621.0
47.5°	552.7
50°	484.3
52.5°	416.0
55°	347.7
57.5°	285.3
60°	225.8
62.5°	172.3
65°	121.8
67.5°	80.3
70°	47.5
72.5°	20.8
75°	6.0
77.5°	2.9
80°	2.9
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)