

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: P857675

Luminaire Tested: **LX4C30D010 EX4C309850 4LBSLI**

Issue Date: 2/9/2022



Test Information

Test Method: LM-79-08
Report Number: P857675
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 EX4C309850 4LBSLI
Description:
Light Source: -
Ballast/Driver: -

Summary

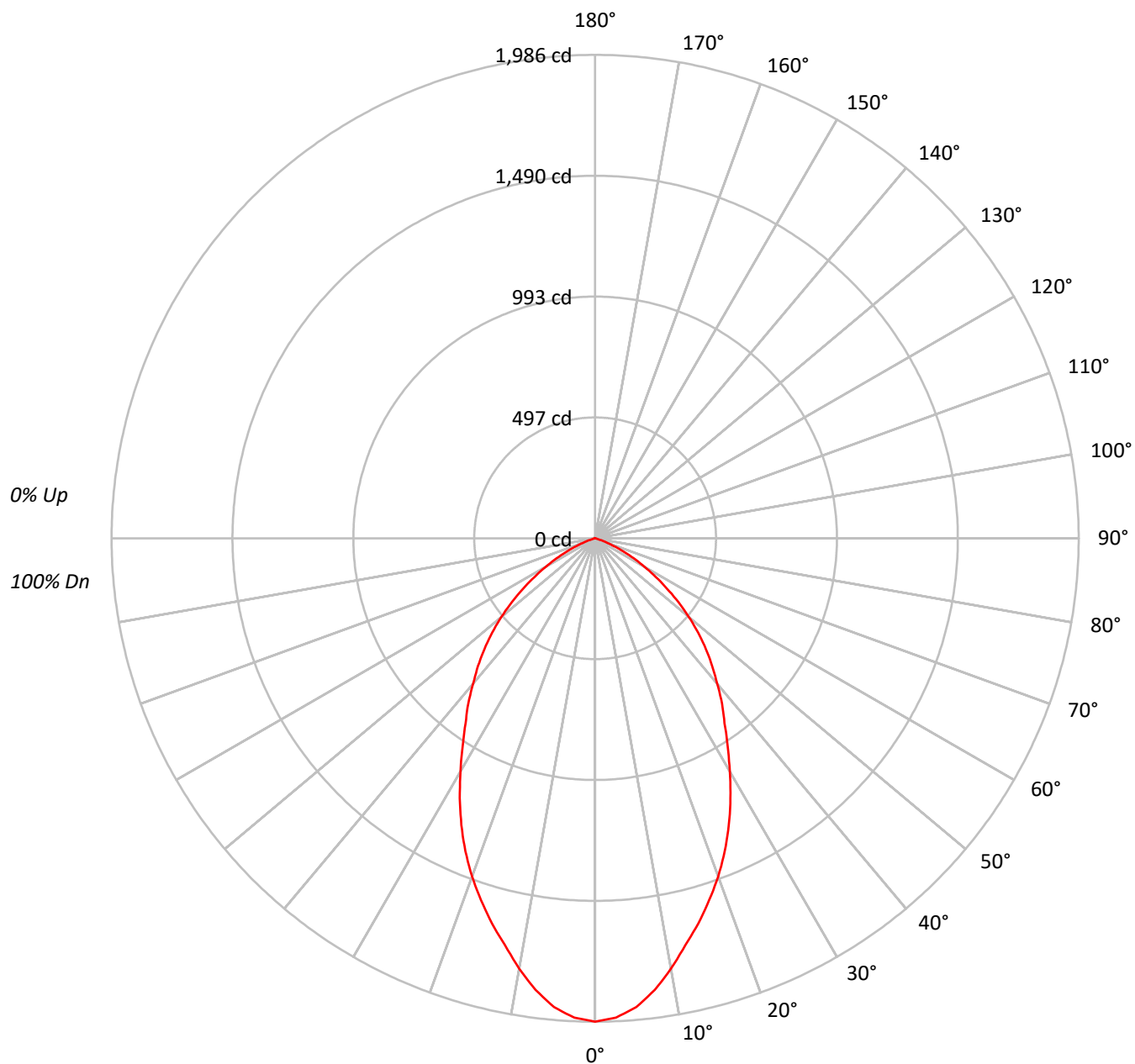
Lumens per Lamp: N/A
Luminaire Lumens: 2781.3 lumens
Efficiency: N/A
Efficacy: 88.0 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 1
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	112	108	105	102		109	106	103	101		102	100	98		98	96	95		95	93	92
2	104	98	93	88		102	96	91	87		93	89	85		90	86	84		87	84	82
3	97	89	82	77		95	87	81	77		84	79	75		82	78	74		79	76	73
4	90	81	73	68		88	79	73	68		77	71	67		75	70	66		73	69	65
5	84	73	66	61		82	72	65	60		70	64	60		69	63	59		67	62	59
6	79	67	60	54		77	66	59	54		65	58	54		63	58	53		62	57	53
7	74	62	54	49		72	61	54	49		60	53	49		58	53	48		57	52	48
8	69	57	50	45		68	57	50	45		55	49	45		54	49	44		53	48	44
9	65	53	46	41		64	53	46	41		52	45	41		51	45	41		50	44	41
10	61	50	43	38		60	49	42	38		48	42	38		47	42	38		46	41	37

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	243987
5°	238457
10°	223936
15°	208333
20°	193231
25°	176139
30°	156811
35°	138998
40°	124915
45°	111820
50°	95926
55°	77172
60°	57495
65°	36715
70°	17673
75°	2943
80°	2122
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	180.1	6.5
10°-20°	459.3	16.5
20°-30°	595.1	21.4
30°-40°	583.1	21.0
40°-50°	494.3	17.8
50°-60°	324.0	11.6
60°-70°	130.2	4.7
70°-80°	14.9	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°	1234.5	44.4
0°-40°	1817.6	65.3
0°-60°	2635.9	94.8
0°-90°	2781.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2781.3	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1986	
5°	1934	180
15°	1638	459
25°	1299	595
35°	927	583
45°	644	494
55°	360	324
65°	126	130
75°	6	15
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1986.0
2.5°	1970.6
5°	1933.6
7.5°	1872.0
10°	1795.1
12.5°	1711.9
15°	1638.0
17.5°	1558.1
20°	1478.0
22.5°	1391.7
25°	1299.4
27.5°	1203.9
30°	1105.4
32.5°	1013.0
35°	926.8
37.5°	856.0
40°	778.9
42.5°	711.3
45°	643.6
47.5°	572.7
50°	501.9
52.5°	431.1
55°	360.3
57.5°	295.6
60°	234.0
62.5°	178.5
65°	126.3
67.5°	83.1
70°	49.2
72.5°	21.5
75°	6.2
77.5°	3.0
80°	3.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)