

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: P857623

Luminaire Tested: **LX4C30D010 EX4C309827 4LBSLI**

Issue Date: 2/9/2022



Test Information

Test Method: LM-79-08
Report Number: P857623
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 EX4C309827 4LBSLI
Description:
Light Source: -
Ballast/Driver: -

Summary

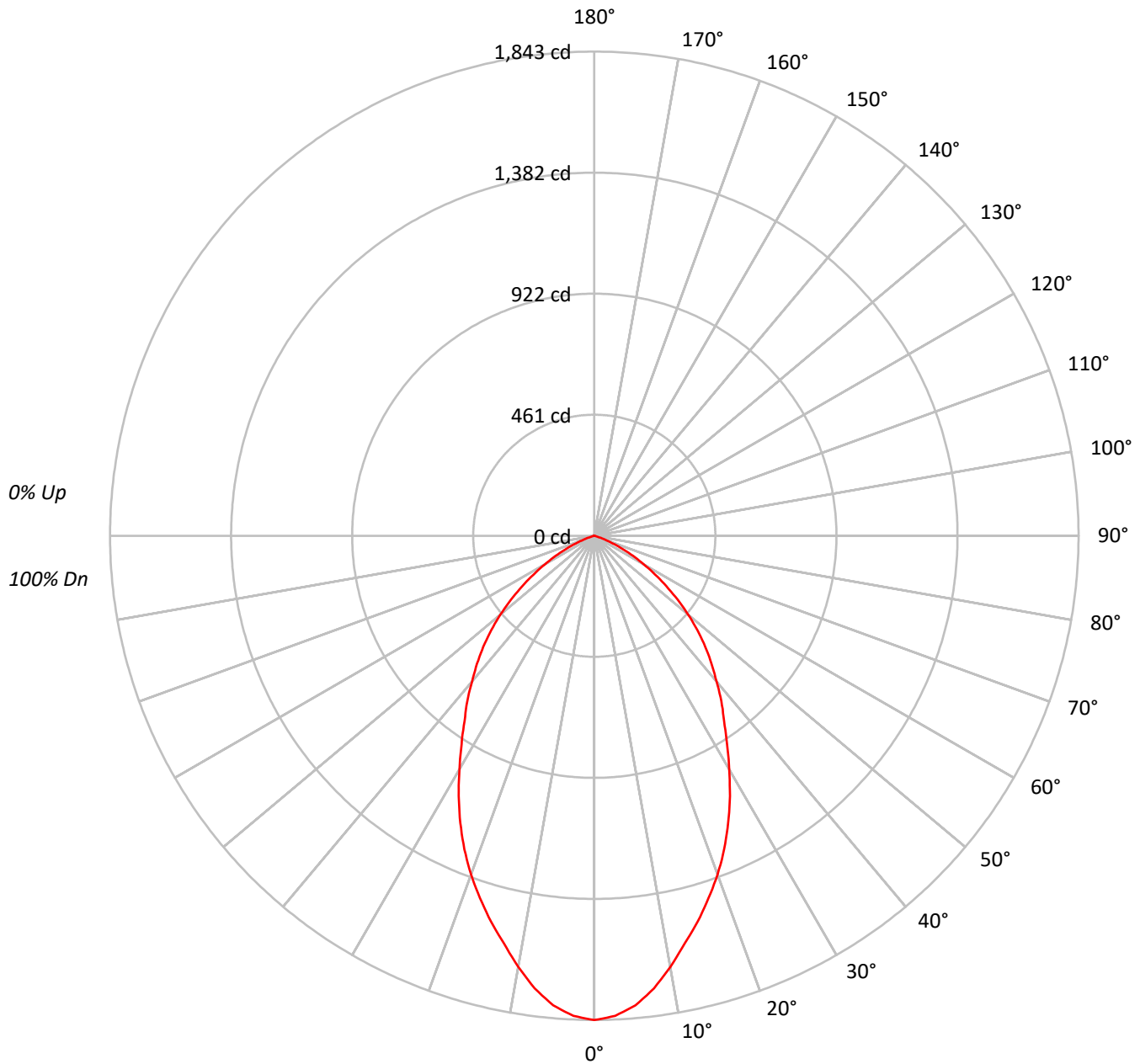
Lumens per Lamp: N/A
Luminaire Lumens: 2581.6 lumens
Efficiency: N/A
Efficacy: 81.7 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 1
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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°	226456
5°	221327
10°	207844
15°	193376
20°	179346
25°	163491
30°	145547
35°	129010
40°	115950
45°	103776
50°	89027
55°	71625
60°	53343
65°	34070
70°	16415
75°	2706
80°	2052
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	167.1	6.5
10°-20°	426.3	16.5
20°-30°	552.4	21.4
30°-40°	541.2	21.0
40°-50°	458.8	17.8
50°-60°	300.7	11.6
60°-70°	120.9	4.7
70°-80°	13.8	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°	1145.8	44.4
0°-40°	1687.0	65.3
0°-60°	2446.5	94.8
0°-90°	2581.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2581.6	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1843	
5°	1795	167
15°	1520	426
25°	1206	552
35°	860	541
45°	597	459
55°	334	301
65°	117	121
75°	6	14
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1843.3
2.5°	1829.1
5°	1794.7
7.5°	1737.6
10°	1666.1
12.5°	1589.0
15°	1520.4
17.5°	1446.1
20°	1371.8
22.5°	1291.8
25°	1206.1
27.5°	1117.4
30°	1026.0
32.5°	940.3
35°	860.2
37.5°	794.5
40°	723.0
42.5°	660.2
45°	597.3
47.5°	531.6
50°	465.8
52.5°	400.1
55°	334.4
57.5°	274.4
60°	217.1
62.5°	165.8
65°	117.2
67.5°	77.1
70°	45.7
72.5°	20.0
75°	5.7
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)