

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: P858027

Luminaire Tested: **LX4C40D010 EX4C409835 4LBSLI**

Issue Date: 2/9/2022



Test Information

Test Method: LM-79-08
Report Number: P858027
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: LX4C40D010 EX4C409835 4LBSLI
Description:
Light Source: -
Ballast/Driver: -

Summary

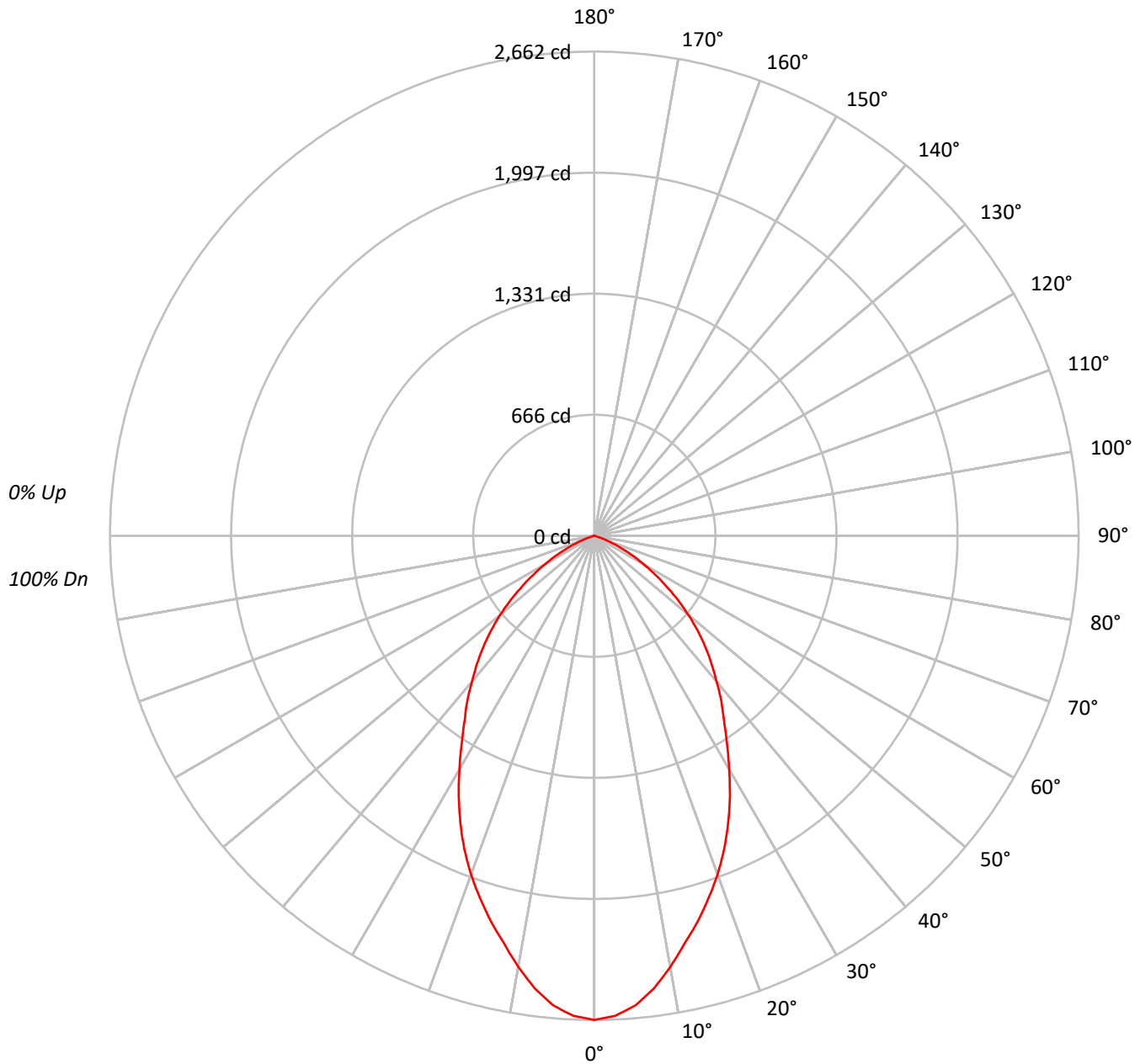
Lumens per Lamp: N/A
Luminaire Lumens: 3728.4 lumens
Efficiency: N/A
Efficacy: 79.3 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 1
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 47
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°	327061
5°	319653
10°	300183
15°	279265
20°	259018
25°	236108
30°	210207
35°	186316
40°	167462
45°	149886
50°	128571
55°	103432
60°	77054
65°	49215
70°	23707
75°	3940
80°	2901
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	241.4	6.5
10°-20°	615.6	16.5
20°-30°	797.8	21.4
30°-40°	781.7	21.0
40°-50°	662.6	17.8
50°-60°	434.3	11.6
60°-70°	174.6	4.7
70°-80°	20.0	0.5
80°-90°	0.6	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°	1654.8	44.4
0°-40°	2436.4	65.3
0°-60°	3533.3	94.8
0°-90°	3728.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3728.4	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2662	
5°	2592	241
15°	2196	616
25°	1742	798
35°	1242	782
45°	863	663
55°	483	434
65°	169	175
75°	8	20
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	2662.2
2.5°	2641.5
5°	2592.0
7.5°	2509.5
10°	2406.3
12.5°	2294.8
15°	2195.7
17.5°	2088.5
20°	1981.2
22.5°	1865.6
25°	1741.8
27.5°	1613.8
30°	1481.8
32.5°	1357.9
35°	1242.3
37.5°	1147.5
40°	1044.2
42.5°	953.5
45°	862.7
47.5°	767.7
50°	672.7
52.5°	577.8
55°	482.9
57.5°	396.2
60°	313.6
62.5°	239.3
65°	169.3
67.5°	111.5
70°	66.0
72.5°	28.9
75°	8.3
77.5°	4.1
80°	4.1
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)