

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: P859745

Luminaire Tested: **LX4C08D010 EX4C089827 4LBSLI**

Issue Date: 2/9/2022



Test Information

Test Method: LM-79-08
Report Number: P859745
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: LX4C08D010 EX4C089827 4LBSLI
Description:
Light Source: -
Ballast/Driver: -

Summary

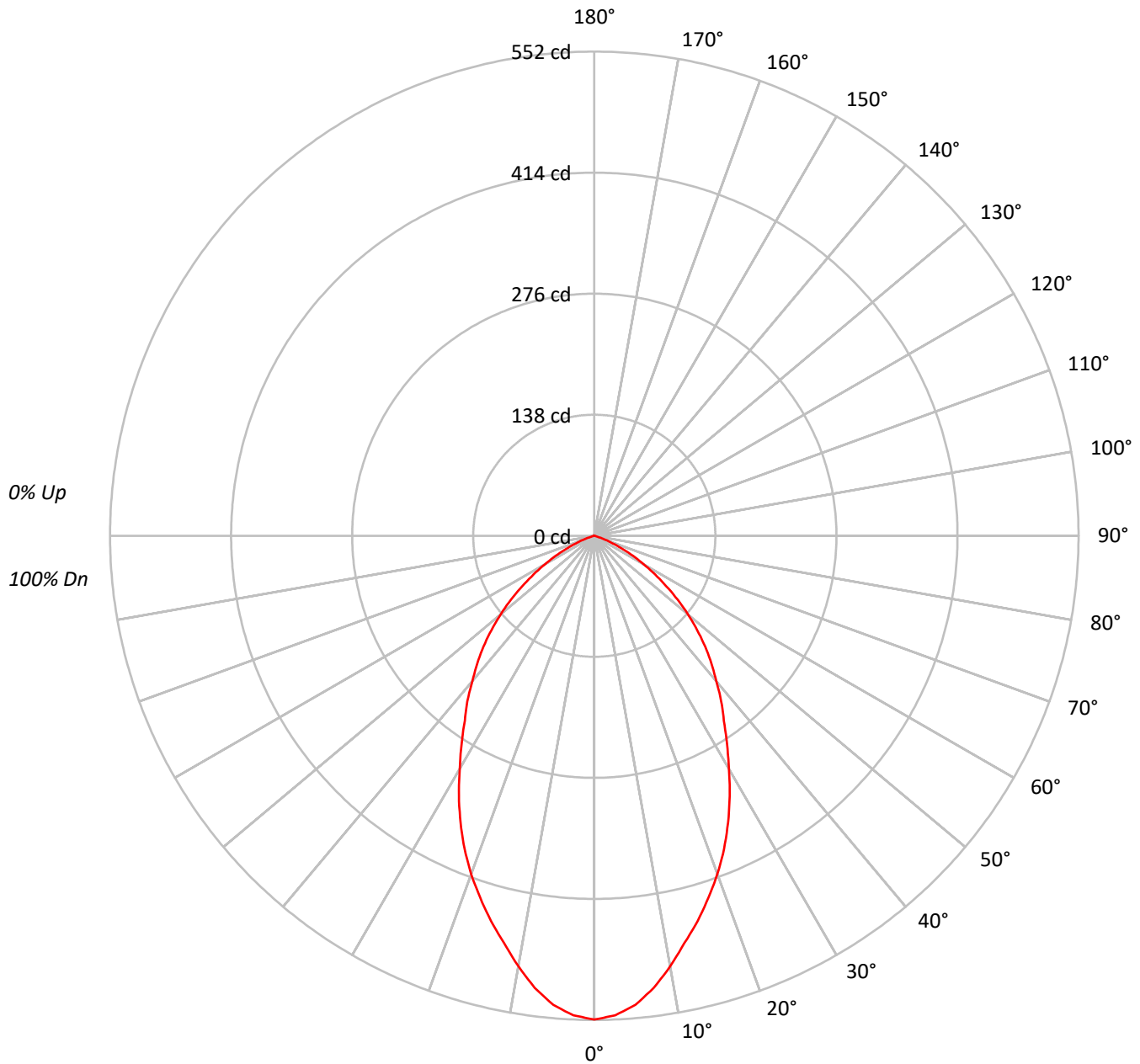
Lumens per Lamp: N/A
Luminaire Lumens: 772.3 lumens
Efficiency: N/A
Efficacy: 78.0 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 1
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 9.9
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°	67754
5°	66200
10°	62175
15°	57845
20°	53655
25°	48908
30°	43537
35°	38604
40°	34673
45°	31048
50°	26643
55°	21440
60°	15971
65°	10174
70°	4885
75°	807
80°	637
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.0	6.5
10°-20°	127.5	16.5
20°-30°	165.2	21.4
30°-40°	161.9	21.0
40°-50°	137.2	17.8
50°-60°	90.0	11.7
60°-70°	36.1	4.7
70°-80°	4.1	0.5
80°-90°	0.1	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°	342.7	44.4
0°-40°	504.6	65.3
0°-60°	731.9	94.8
0°-90°	772.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	772.3	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	552	
5°	537	50
15°	455	128
25°	361	165
35°	257	162
45°	179	137
55°	100	90
65°	35	36
75°	2	4
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	551.5
2.5°	547.2
5°	536.8
7.5°	519.8
10°	498.4
12.5°	475.3
15°	454.8
17.5°	432.6
20°	410.4
22.5°	386.4
25°	360.8
27.5°	334.2
30°	306.9
32.5°	281.3
35°	257.4
37.5°	237.6
40°	216.2
42.5°	197.5
45°	178.7
47.5°	159.0
50°	139.4
52.5°	119.7
55°	100.1
57.5°	82.0
60°	65.0
62.5°	49.6
65°	35.0
67.5°	23.1
70°	13.6
72.5°	6.0
75°	1.7
77.5°	0.9
80°	0.9
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)