

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: P859797

Luminaire Tested: **LX4C08D010 EX4C089850 4LBSLI**

Issue Date: 2/9/2022



Test Information

Test Method: LM-79-08
Report Number: P859797
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 EX4C089850 4LBSLI
Description:
Light Source: -
Ballast/Driver: -

Summary

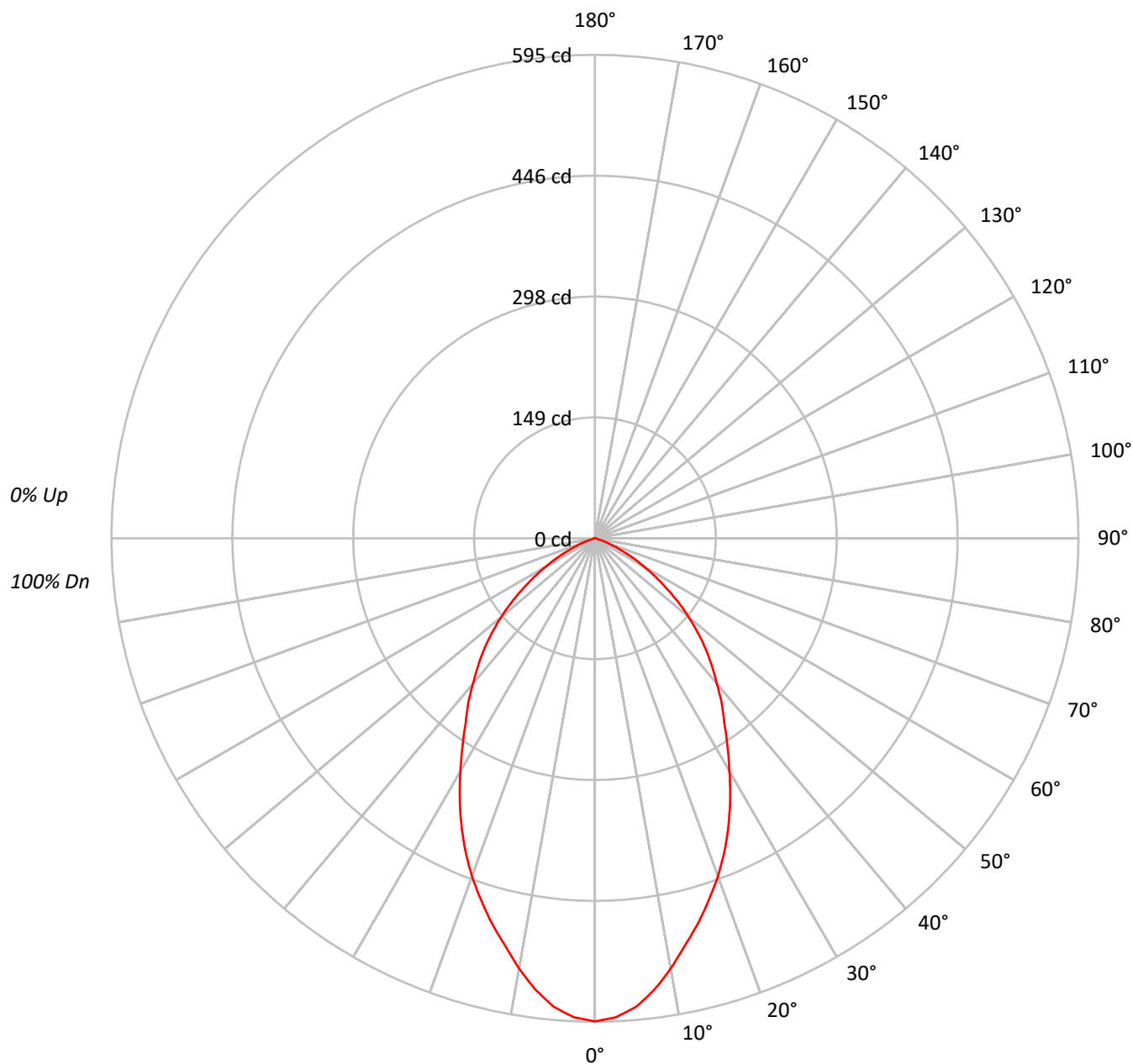
Lumens per Lamp: N/A
Luminaire Lumens: 832.9 lumens
Efficiency: N/A
Efficacy: 84.1 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 1
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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°	73061
5°	71404
10°	67052
15°	62385
20°	57865
25°	52744
30°	46955
35°	41618
40°	37415
45°	33480
50°	28726
55°	23111
60°	17224
65°	10988
70°	5280
75°	902
80°	637
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.9	6.5
10°-20°	137.5	16.5
20°-30°	178.2	21.4
30°-40°	174.6	21.0
40°-50°	148.0	17.8
50°-60°	97.0	11.6
60°-70°	39.0	4.7
70°-80°	4.4	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°	369.7	44.4
0°-40°	544.3	65.4
0°-60°	789.3	94.8
0°-90°	832.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	832.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	595	
5°	579	54
15°	490	138
25°	389	178
35°	278	175
45°	193	148
55°	108	97
65°	38	39
75°	2	4
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	594.7
2.5°	590.1
5°	579.0
7.5°	560.5
10°	537.5
12.5°	512.7
15°	490.5
17.5°	466.6
20°	442.6
22.5°	416.8
25°	389.1
27.5°	360.5
30°	331.0
32.5°	303.4
35°	277.5
37.5°	256.4
40°	233.3
42.5°	212.9
45°	192.7
47.5°	171.5
50°	150.3
52.5°	129.1
55°	107.9
57.5°	88.5
60°	70.1
62.5°	53.5
65°	37.8
67.5°	24.9
70°	14.7
72.5°	6.4
75°	1.9
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)