

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: P859791

Luminaire Tested: **LX4C08D010 EX4C089850 4LBMDLI**

Issue Date: 2/18/2022



Test Information

Test Method: LM-79-08
Report Number: P859791
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2105-247-8)
Test Lab: INNOVATION CENTER
Issue Date: 2/18/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX4C08D010 EX4C089850 4LBMDLI
Description:
Light Source: -
Ballast/Driver: -

Summary

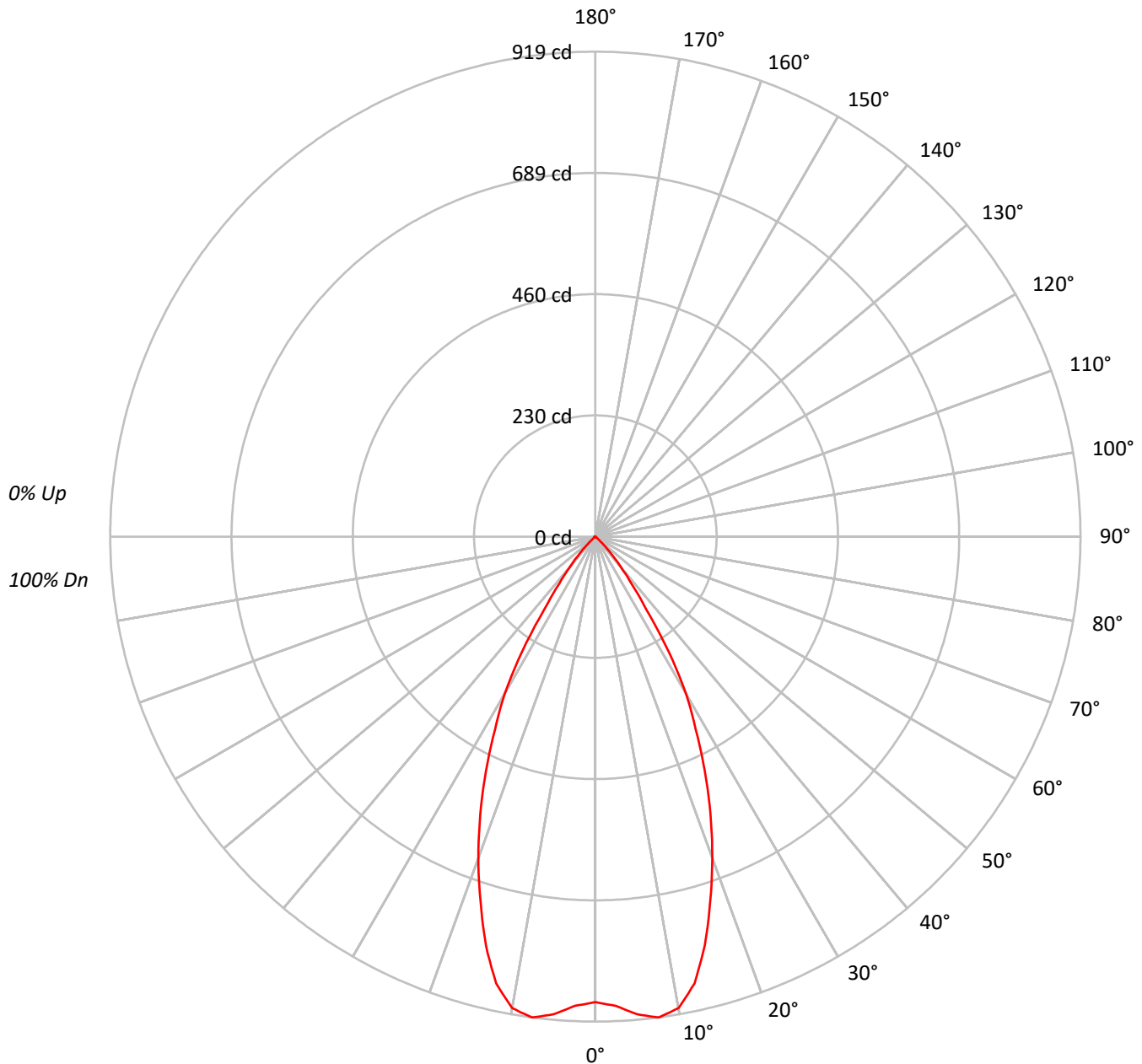
Lumens per Lamp: N/A
Luminaire Lumens: 671.5 lumens
Efficiency: N/A
Efficacy: 67.8 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.82
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P859791

CATALOG NUMBER: LX4C08D010 EX4C089850 4LBMDLI

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	114	111	109	107	111	109	107	105	105	103	102		101	100	99		98
2	109	104	100	97	107	102	99	96	99	96	94		96	94	92		94
3	104	98	93	89	102	96	92	89	94	90	87		91	88	86		89
4	99	92	87	83	97	91	86	82	89	85	81		87	83	80		85
5	94	87	81	77	93	86	81	77	84	79	76		82	78	75		81
6	90	82	76	72	89	81	76	72	79	75	71		78	74	71		77
7	86	77	72	68	85	77	71	68	75	71	67		74	70	67		73
8	82	73	68	64	81	73	67	64	72	67	63		71	66	63		70
9	79	70	64	60	78	69	64	60	68	63	60		67	63	60		66
10	75	66	61	57	74	66	61	57	65	60	57		64	60	57		63

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	108344
5°	112039
10°	113184
15°	101953
20°	84718
25°	66476
30°	48643
35°	25136
40°	11948
45°	4205
50°	956
55°	621
60°	442
65°	349
70°	216
75°	190
80°	141
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.8	12.9
10°-20°	220.8	32.9
20°-30°	223.4	33.3
30°-40°	113.9	17.0
40°-50°	22.3	3.3
50°-60°	2.7	0.4
60°-70°	1.1	0.2
70°-80°	0.4	0.1
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°	531.0	79.1
0°-40°	644.9	96.0
0°-60°	669.9	99.8
0°-90°	671.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	671.5	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	882	
5°	908	87
15°	802	221
25°	490	223
35°	168	114
45°	24	22
55°	3	3
65°	1	1
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	881.9
2.5°	890.1
5°	908.5
7.5°	919.1
10°	907.3
12.5°	867.4
15°	801.6
17.5°	723.9
20°	648.0
22.5°	569.5
25°	490.4
27.5°	411.6
30°	342.9
32.5°	258.4
35°	167.6
37.5°	112.2
40°	74.5
42.5°	46.7
45°	24.2
47.5°	8.6
50°	5.0
52.5°	3.7
55°	2.9
57.5°	2.2
60°	1.8
62.5°	1.4
65°	1.2
67.5°	0.8
70°	0.6
72.5°	0.4
75°	0.4
77.5°	0.4
80°	0.2
82.5°	0.2
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)