

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: P859765

Luminaire Tested: **LX4C08D010 EX4C089835 4LBMDLI**

Issue Date: 2/18/2022



Test Information

Test Method: LM-79-08
Report Number: P859765
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 EX4C089835 4LBMDLI
Description:
Light Source: -
Ballast/Driver: -

Summary

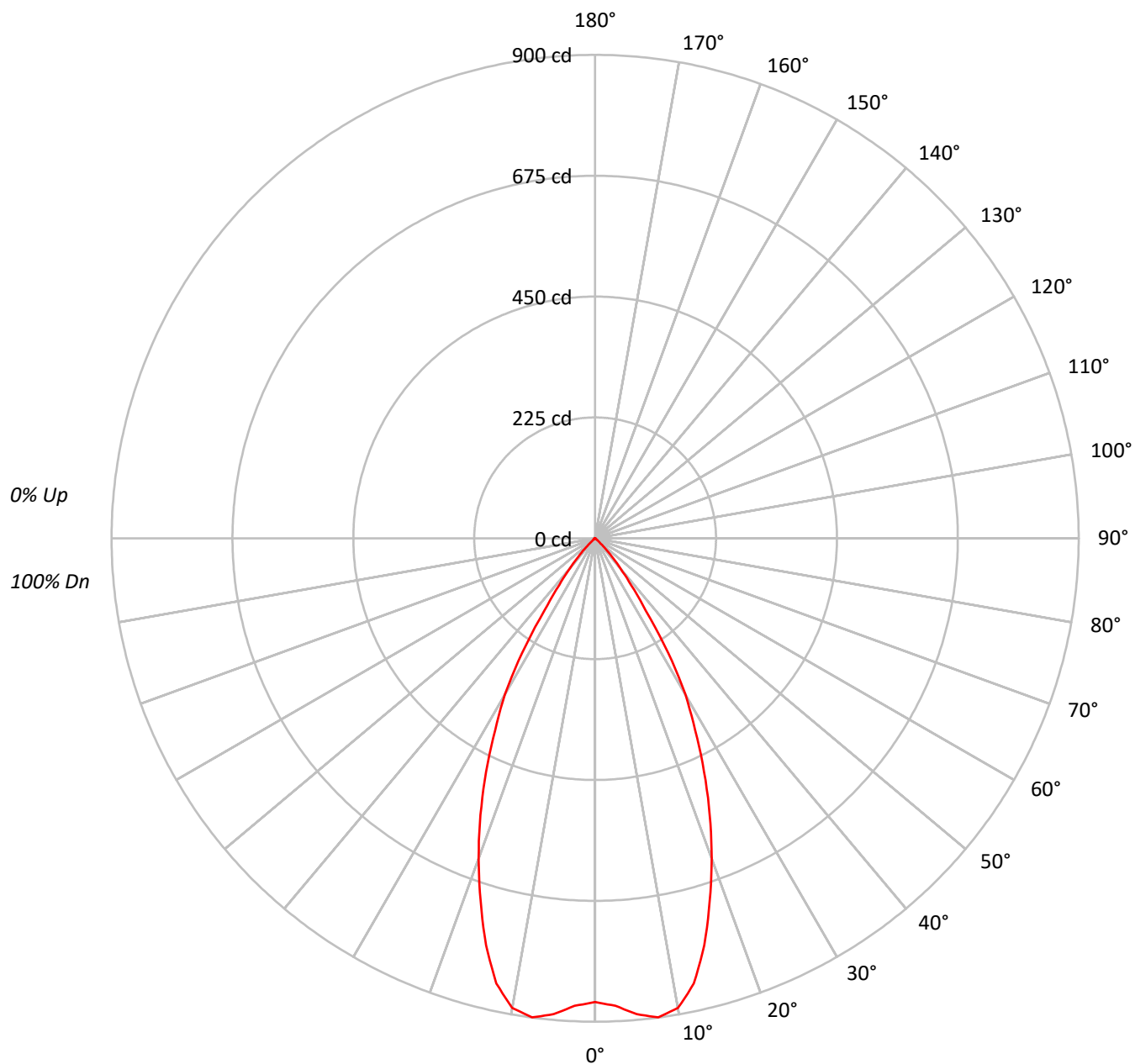
Lumens per Lamp: N/A
Luminaire Lumens: 657.3 lumens
Efficiency: N/A
Efficacy: 66.4 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.82
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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: P859765

CATALOG NUMBER: LX4C08D010 EX4C089835 4LBMDLI

Luminous Intensity Polar Plot





TEST NUMBER: P859765

CATALOG NUMBER: LX4C08D010 EX4C089835 4LBMDLI

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°	106047
5°	109659
10°	110777
15°	99791
20°	82927
25°	65052
30°	47622
35°	24611
40°	11691
45°	4100
50°	917
55°	621
60°	418
65°	320
70°	216
75°	190
80°	141
85°	0



TEST NUMBER: P859765

CATALOG NUMBER: LX4C08D010 EX4C089835 4LBMDLI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	84.9	12.9
10°-20°	216.1	32.9
20°-30°	218.7	33.3
30°-40°	111.5	17.0
40°-50°	21.8	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°	519.7	79.1
0°-40°	631.2	96.0
0°-60°	655.7	99.8
0°-90°	657.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	657.3	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	863	
5°	889	85
15°	785	216
25°	480	219
35°	164	111
45°	24	22
55°	3	3
65°	1	1
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P859765

CATALOG NUMBER: LX4C08D010 EX4C089835 4LBMDLI

CANDELA DISTRIBUTION (FULL):

	0°
0°	863.2
2.5°	871.2
5°	889.2
7.5°	899.6
10°	888.0
12.5°	848.9
15°	784.6
17.5°	708.6
20°	634.3
22.5°	557.3
25°	479.9
27.5°	402.9
30°	335.7
32.5°	252.9
35°	164.1
37.5°	109.9
40°	72.9
42.5°	45.7
45°	23.6
47.5°	8.5
50°	4.8
52.5°	3.6
55°	2.9
57.5°	2.2
60°	1.7
62.5°	1.4
65°	1.1
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



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)