

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: P859786

Luminaire Tested: **LX4C08D010 EX4C089840 4LBWH**

Issue Date: 2/8/2022



Test Information

Test Method: LM-79-08
Report Number: P859786
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P206636)
Test Lab: INNOVATION CENTER
Issue Date: 2/8/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX4C08D010 EX4C089840 4LBWH
Description:
Light Source: -
Ballast/Driver: -

Summary

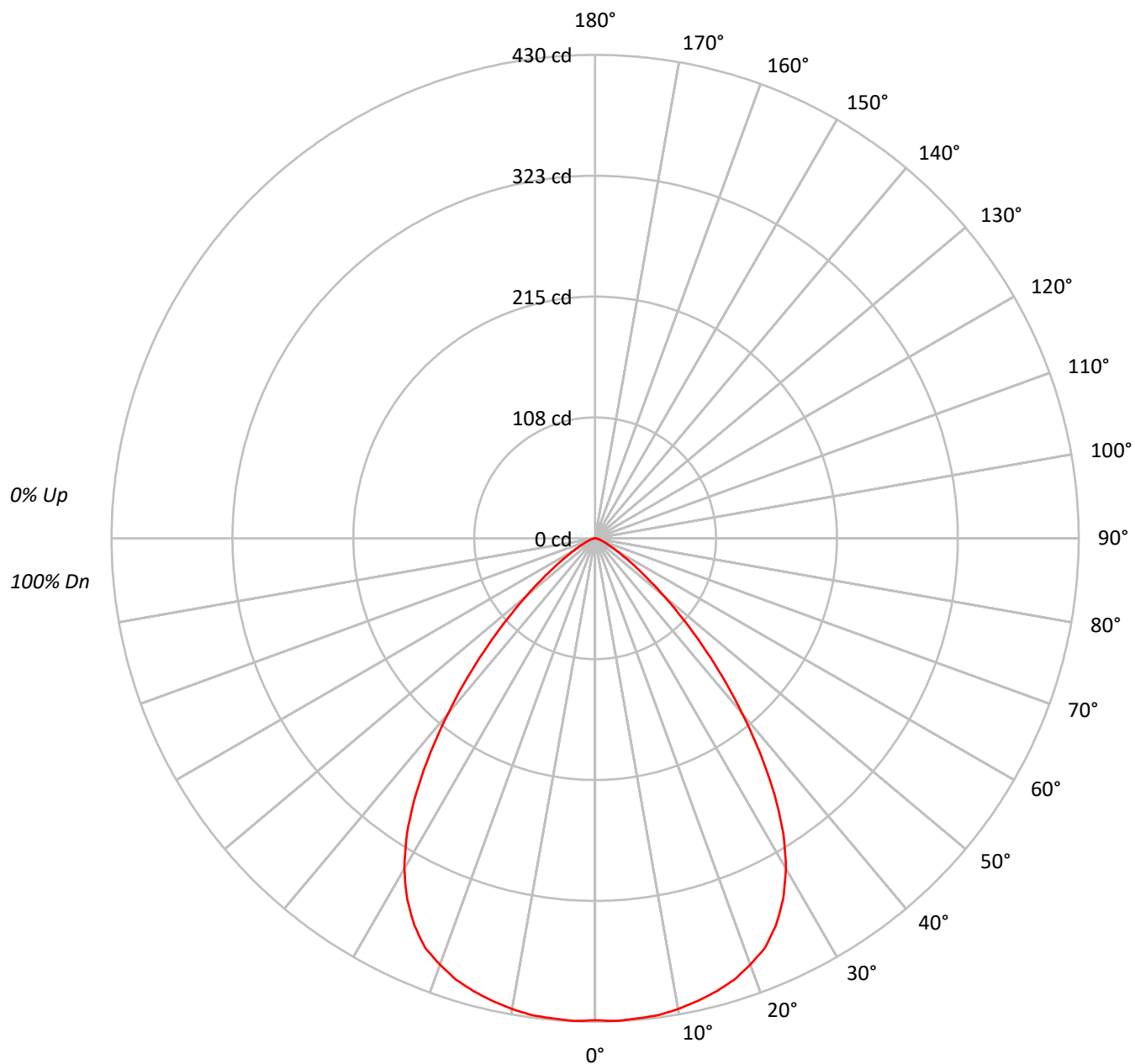
Lumens per Lamp: N/A
Luminaire Lumens: 665.3 lumens
Efficiency: N/A
Efficacy: 67.2 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.18 / 1.13
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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: P859786

CATALOG NUMBER: LX4C08D010 EX4C089840 4LBWH

Luminous Intensity Polar Plot





TEST NUMBER: P859786

CATALOG NUMBER: LX4C08D010 EX4C089840 4LBWH

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	109	106	104		110	107	104	102		103	101	99			99	97	96			96
2	105	100	95	91		103	98	93	90		95	91	88			91	88	86			89
3	99	91	85	80		97	90	84	80		87	82	78			84	80	77			82
4	92	83	77	72		90	82	76	71		80	75	70			78	73	70			76
5	87	77	70	65		85	76	69	64		74	68	64			72	67	63			70
6	81	71	64	58		80	70	63	58		68	62	58			67	61	57			65
7	76	65	58	53		75	65	58	53		63	57	53			62	56	52			61
8	72	60	53	49		70	60	53	49		59	53	48			58	52	48			57
9	67	56	49	45		66	56	49	45		55	49	44			54	48	44			53
10	64	52	46	41		63	52	46	41		51	45	41			50	45	41			49

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	52667
5°	52868
10°	53043
15°	53050
20°	52753
25°	51524
30°	48147
35°	41693
40°	32572
45°	23368
50°	15195
55°	9082
60°	5332
65°	3430
70°	2263
75°	1756
80°	1273
85°	0



TEST NUMBER: P859786

CATALOG NUMBER: LX4C08D010 EX4C089840 4LBWH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.8	6.1
10°-20°	117.7	17.7
20°-30°	173.6	26.1
30°-40°	171.3	25.8
40°-50°	104.9	15.8
50°-60°	40.2	6.0
60°-70°	12.6	1.9
70°-80°	3.7	0.6
80°-90°	0.5	0.1
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°	332.1	49.9
0°-40°	503.5	75.7
0°-60°	648.5	97.5
0°-90°	665.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	665.3	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	429	
5°	429	41
15°	417	118
25°	380	174
35°	278	171
45°	134	105
55°	42	40
65°	12	13
75°	4	4
85°	0	0
90°	0	



TEST NUMBER: P859786

CATALOG NUMBER: LX4C08D010 EX4C089840 4LBWH

CANDELA DISTRIBUTION (FULL):

	0°
0°	428.7
2.5°	429.7
5°	428.7
7.5°	427.9
10°	425.2
12.5°	421.5
15°	417.1
17.5°	411.6
20°	403.5
22.5°	394.5
25°	380.1
27.5°	362.0
30°	339.4
32.5°	311.5
35°	278.0
37.5°	241.0
40°	203.1
42.5°	167.9
45°	134.5
47.5°	104.7
50°	79.5
52.5°	58.7
55°	42.4
57.5°	29.8
60°	21.7
62.5°	16.2
65°	11.8
67.5°	9.0
70°	6.3
72.5°	4.5
75°	3.7
77.5°	1.8
80°	1.8
82.5°	0.9
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)