

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: P859747

Luminaire Tested: **LX4C08D010 EX4C089827 4LBWH**

Issue Date: 2/8/2022



Test Information

Test Method: LM-79-08
Report Number: P859747
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 EX4C089827 4LBWH
Description:
Light Source: -
Ballast/Driver: -

Summary

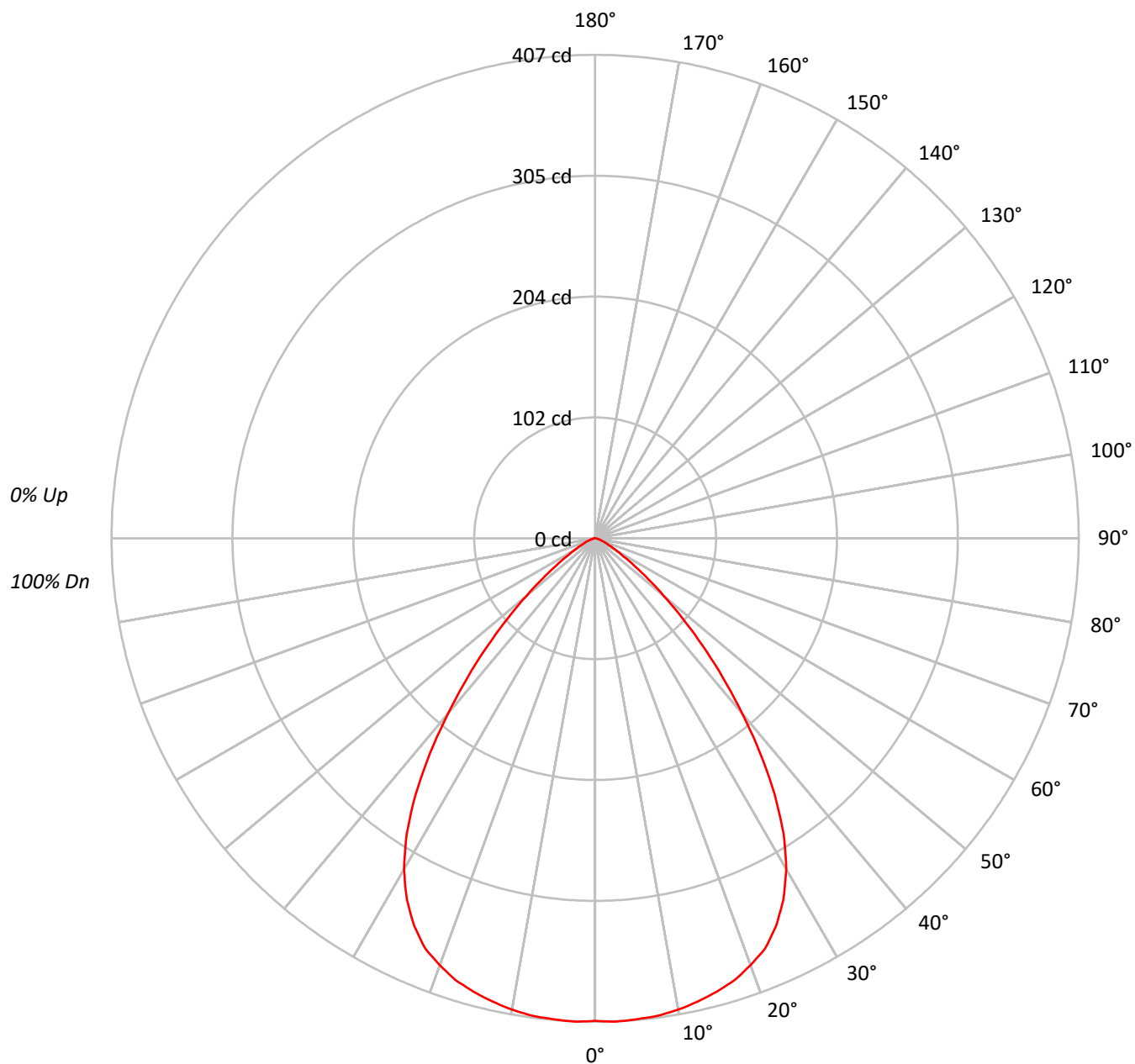
Lumens per Lamp: N/A
Luminaire Lumens: 630.5 lumens
Efficiency: N/A
Efficacy: 63.7 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.18 / 1.13
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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: P859747

CATALOG NUMBER: LX4C08D010 EX4C089827 4LBWH

Luminous Intensity Polar Plot





TEST NUMBER: P859747

CATALOG NUMBER: LX4C08D010 EX4C089827 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	68	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°	49928
5°	50118
10°	50274
15°	50264
20°	49994
25°	48826
30°	45636
35°	39519
40°	30856
45°	22152
50°	14392
55°	8610
60°	5037
65°	3227
70°	2155
75°	1614
80°	1203
85°	0



TEST NUMBER: P859747

CATALOG NUMBER: LX4C08D010 EX4C089827 4LBWH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.7	6.1
10°-20°	111.5	17.7
20°-30°	164.6	26.1
30°-40°	162.4	25.8
40°-50°	99.4	15.8
50°-60°	38.1	6.0
60°-70°	11.9	1.9
70°-80°	3.5	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°	314.8	49.9
0°-40°	477.1	75.7
0°-60°	614.6	97.5
0°-90°	630.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	630.5	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	406	
5°	406	39
15°	395	112
25°	360	165
35°	264	162
45°	128	99
55°	40	38
65°	11	12
75°	3	3
85°	0	0
90°	0	



TEST NUMBER: P859747

CATALOG NUMBER: LX4C08D010 EX4C089827 4LBWH

CANDELA DISTRIBUTION (FULL):

0°	
0°	406.4
2.5°	407.3
5°	406.4
7.5°	405.5
10°	403.0
12.5°	399.5
15°	395.2
17.5°	390.1
20°	382.4
22.5°	373.9
25°	360.2
27.5°	343.1
30°	321.7
32.5°	295.2
35°	263.5
37.5°	228.4
40°	192.4
42.5°	159.1
45°	127.5
47.5°	99.3
50°	75.3
52.5°	55.6
55°	40.2
57.5°	28.2
60°	20.5
62.5°	15.4
65°	11.1
67.5°	8.6
70°	6.0
72.5°	4.3
75°	3.4
77.5°	1.7
80°	1.7
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)