

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: P859796

Luminaire Tested: **LX4C08D010 EX4C089850 4LBSH**

Issue Date: 2/14/2022



Test Information

Test Method: LM-79-08
Report Number: P859796
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P205729)
Test Lab: INNOVATION CENTER
Issue Date: 2/14/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX4C08D010 EX4C089850 4LBSH
Description:
Light Source: -
Ballast/Driver: -

Summary

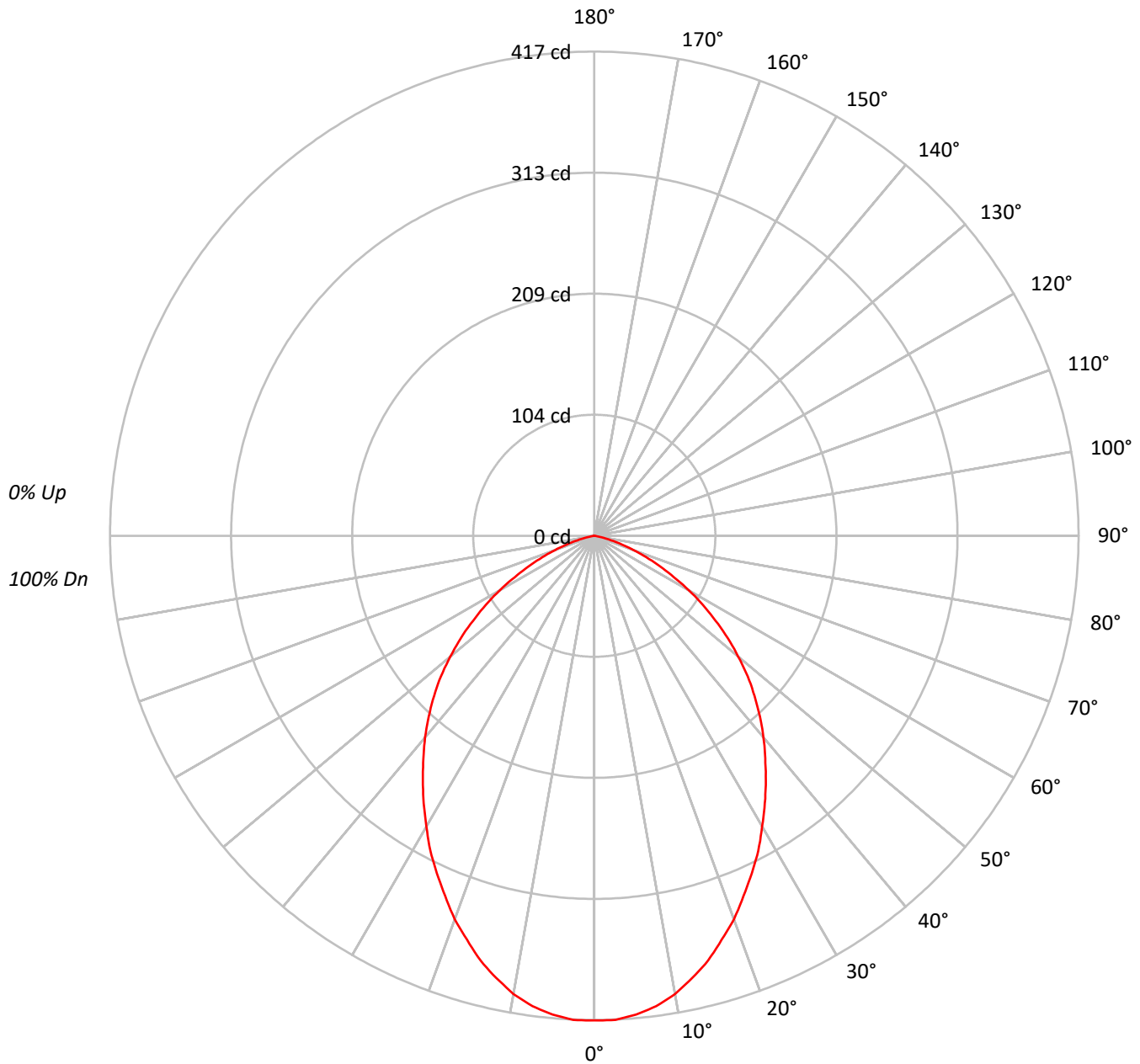
Lumens per Lamp: N/A
Luminaire Lumens: 798.1 lumens
Efficiency: N/A
Efficacy: 80.6 lumens/watt
Spacing Criteria (0/90/45): 1.06 / 1.06 / 1.17
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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: P859796

CATALOG NUMBER: LX4C08D010 EX4C089850 4LBSH

Luminous Intensity Polar Plot





TEST NUMBER: P859796

CATALOG NUMBER: LX4C08D010 EX4C089850 4LBSH

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	111	107	104	101	108	105	102	99	101	98	96		97	95	93		93
2	102	96	90	85	100	94	88	84	90	86	82		87	83	80		84
3	95	85	78	73	92	84	77	72	81	75	71		78	74	70		76
4	87	77	69	63	85	75	68	63	73	67	62		71	65	61		69
5	81	69	61	55	79	68	61	55	66	60	55		64	59	54		63
6	75	63	55	49	73	62	54	49	60	54	49		59	53	48		57
7	70	58	50	44	68	57	49	44	55	49	44		54	48	43		53
8	65	53	45	40	64	52	45	40	51	44	39		50	44	39		49
9	61	49	41	36	60	48	41	36	47	40	36		46	40	36		45
10	58	45	38	33	56	45	38	33	44	37	33		43	37	33		42

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	51279
5°	51043
10°	49987
15°	48166
20°	45954
25°	43486
30°	41011
35°	38604
40°	36357
45°	33897
50°	30905
55°	27288
60°	23096
65°	18139
70°	12931
75°	7120
80°	1273
85°	0



TEST NUMBER: P859796

CATALOG NUMBER: LX4C08D010 EX4C089850 4LBSH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.1	4.9
10°-20°	106.3	13.3
20°-30°	147.6	18.5
30°-40°	161.0	20.2
40°-50°	150.2	18.8
50°-60°	114.0	14.3
60°-70°	62.4	7.8
70°-80°	17.2	2.2
80°-90°	0.2	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°	292.9	36.7
0°-40°	454.0	56.9
0°-60°	718.2	90.0
0°-90°	798.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	798.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	417	
5°	414	39
15°	379	106
25°	321	148
35°	257	161
45°	195	150
55°	127	114
65°	62	62
75°	15	17
85°	0	0
90°	0	



TEST NUMBER: P859796

CATALOG NUMBER: LX4C08D010 EX4C089850 4LBSH

CANDELA DISTRIBUTION (FULL):

	0°
0°	417.4
2.5°	417.4
5°	413.9
7.5°	408.6
10°	400.7
12.5°	390.1
15°	378.7
17.5°	364.7
20°	351.5
22.5°	335.7
25°	320.8
27.5°	305.8
30°	289.1
32.5°	273.3
35°	257.4
37.5°	241.7
40°	226.7
42.5°	210.9
45°	195.1
47.5°	179.2
50°	161.7
52.5°	145.0
55°	127.4
57.5°	110.8
60°	94.0
62.5°	77.3
65°	62.4
67.5°	48.3
70°	36.0
72.5°	24.6
75°	15.0
77.5°	7.0
80°	1.8
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)