

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: P859792

Luminaire Tested: **LX4C08D010 EX4C089850 4LBMH**

Issue Date: 2/8/2022



Test Information

Test Method: LM-79-08
Report Number: P859792
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 EX4C089850 4LBMH
Description:
Light Source: -
Ballast/Driver: -

Summary

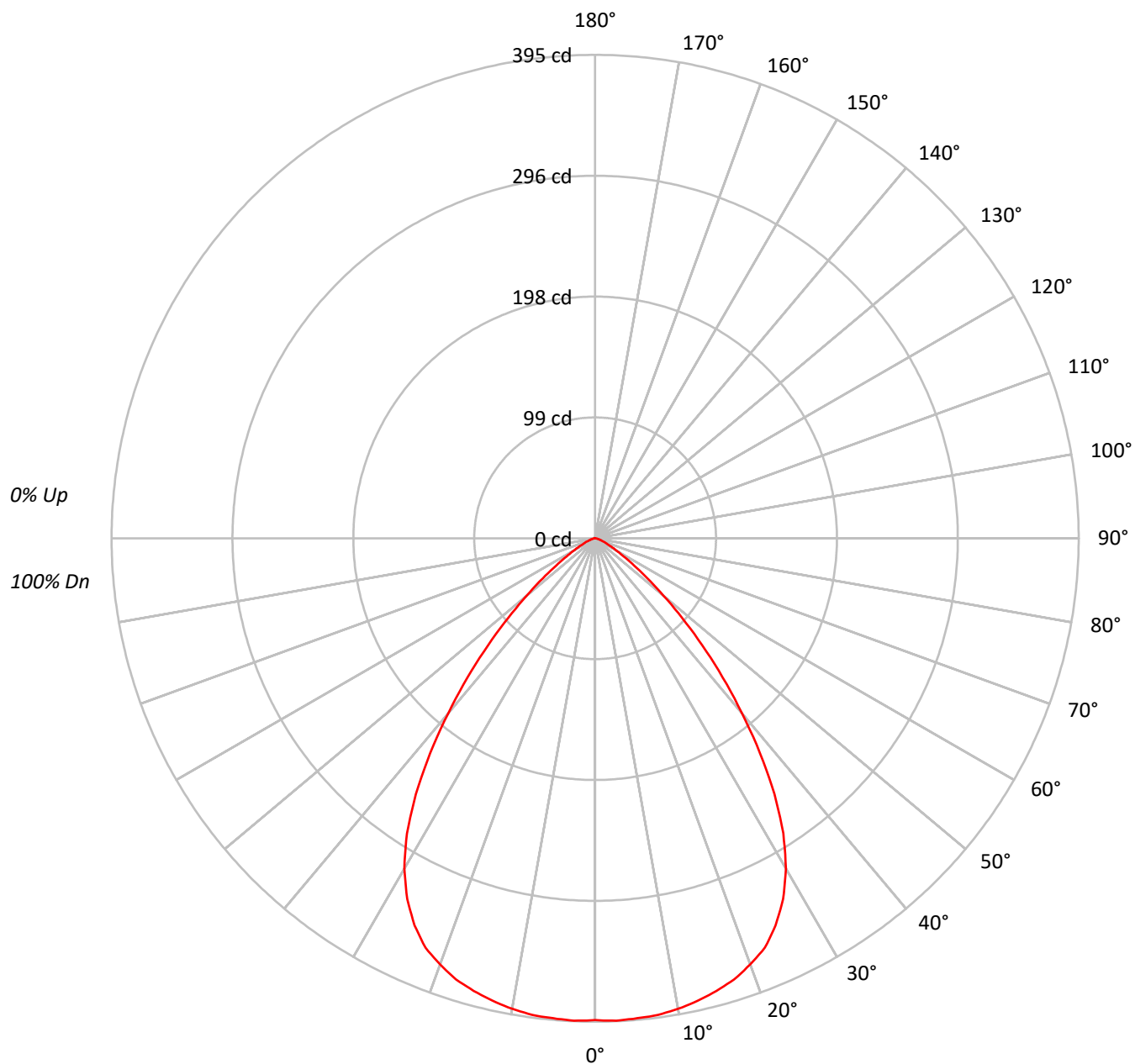
Lumens per Lamp: N/A
Luminaire Lumens: 610.9 lumens
Efficiency: N/A
Efficacy: 61.7 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.18 / 1.13
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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

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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	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°	48367
5°	48552
10°	48702
15°	48700
20°	48438
25°	47295
30°	44217
35°	38289
40°	29910
45°	21457
50°	13933
55°	8353
60°	4890
65°	3140
70°	2083
75°	1566
80°	1203
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.5	6.1
10°-20°	108.0	17.7
20°-30°	159.4	26.1
30°-40°	157.3	25.8
40°-50°	96.3	15.8
50°-60°	36.9	6.0
60°-70°	11.5	1.9
70°-80°	3.4	0.6
80°-90°	0.4	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°	304.9	49.9
0°-40°	462.3	75.7
0°-60°	595.5	97.5
0°-90°	610.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	610.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	394	
5°	394	37
15°	383	108
25°	349	159
35°	255	157
45°	124	96
55°	39	37
65°	11	12
75°	3	3
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	393.7
2.5°	394.6
5°	393.7
7.5°	392.9
10°	390.4
12.5°	387.1
15°	382.9
17.5°	377.9
20°	370.5
22.5°	362.2
25°	348.9
27.5°	332.4
30°	311.7
32.5°	286.0
35°	255.3
37.5°	221.3
40°	186.5
42.5°	154.2
45°	123.5
47.5°	96.1
50°	72.9
52.5°	53.9
55°	39.0
57.5°	27.4
60°	19.9
62.5°	14.9
65°	10.8
67.5°	8.3
70°	5.8
72.5°	4.2
75°	3.3
77.5°	1.7
80°	1.7
82.5°	0.8
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)