

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: P859764

Luminaire Tested: **LX4C08D010 EX4C089835 4LBMDH**

Issue Date: 2/18/2022



Test Information

Test Method: LM-79-08
Report Number: P859764
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2105-247-9)
Test Lab: INNOVATION CENTER
Issue Date: 2/18/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX4C08D010 EX4C089835 4LBMDH
Description:
Light Source: -
Ballast/Driver: -

Summary

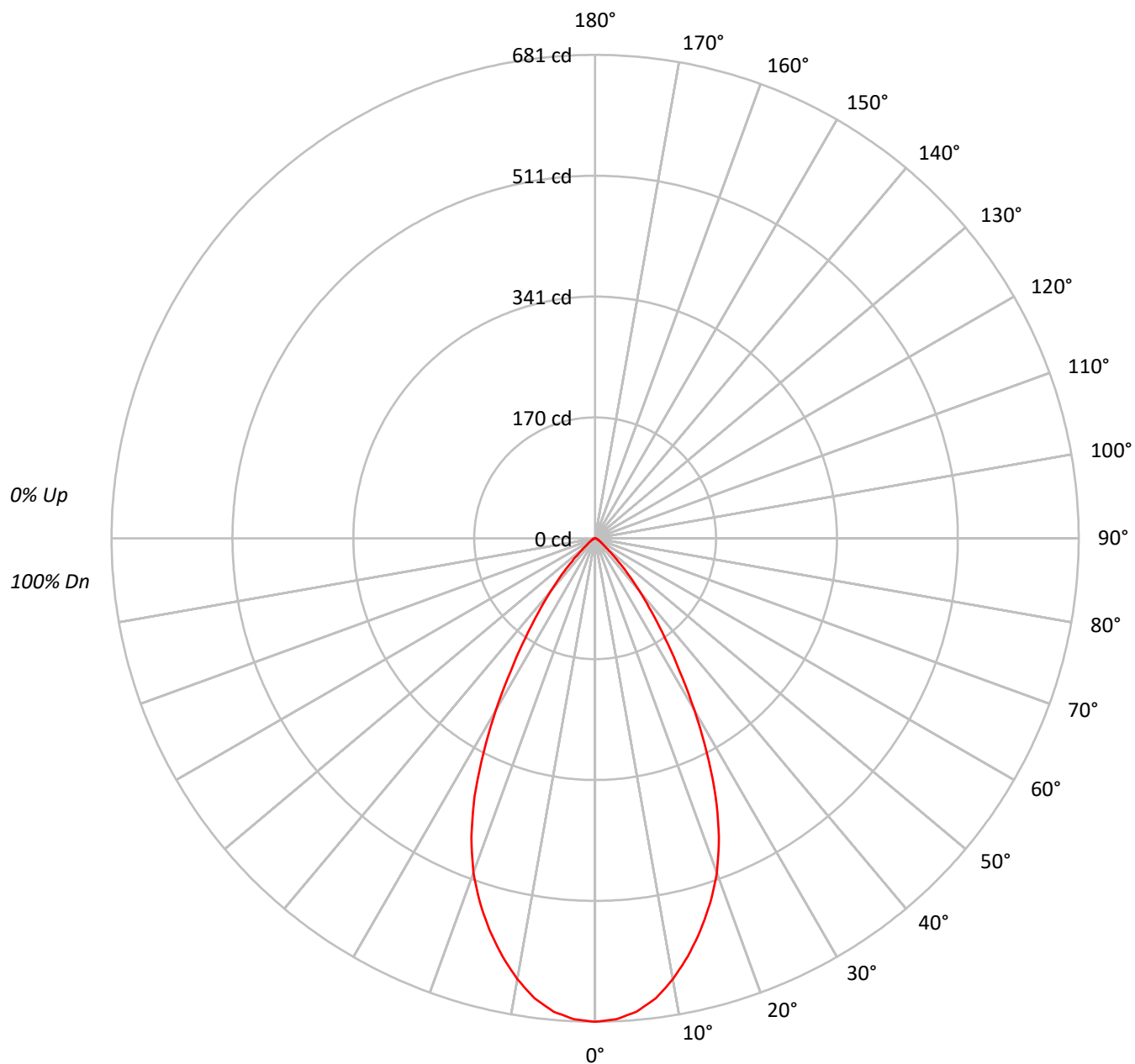
Lumens per Lamp: N/A
Luminaire Lumens: 565.4 lumens
Efficiency: N/A
Efficacy: 57.1 lumens/watt
Spacing Criteria (0/90/45): 0.86 / 0.86 / 0.83
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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	113	111	108	106	111	109	106	104	104	103	101		101	99	98		97
2	108	103	99	95	106	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	73	68	64	72	67	63		71	66	63		70
8	79	70	64	60	78	69	63	60	68	63	59		67	62	59		66
9	76	66	60	56	74	65	60	56	64	59	56		64	59	56		63
10	72	62	57	53	71	62	56	53	61	56	53		60	56	52		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	83676
5°	82540
10°	78667
15°	72802
20°	65526
25°	54438
30°	39579
35°	25646
40°	15524
45°	7992
50°	3631
55°	2185
60°	1474
65°	1047
70°	790
75°	522
80°	283
85°	282



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.7	11.1
10°-20°	159.7	28.2
20°-30°	180.6	31.9
30°-40°	109.1	19.3
40°-50°	38.2	6.8
50°-60°	9.8	1.7
60°-70°	3.8	0.7
70°-80°	1.3	0.2
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°	403.0	71.3
0°-40°	512.1	90.6
0°-60°	560.2	99.1
0°-90°	565.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	565.4	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	681	
5°	669	63
15°	572	160
25°	402	181
35°	171	109
45°	46	38
55°	10	10
65°	4	4
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	681.1
2.5°	678.3
5°	669.3
7.5°	653.6
10°	630.6
12.5°	603.1
15°	572.4
17.5°	538.7
20°	501.2
22.5°	455.4
25°	401.6
27.5°	340.1
30°	279.0
32.5°	220.5
35°	171.0
37.5°	129.7
40°	96.8
42.5°	69.6
45°	46.0
47.5°	28.4
50°	19.0
52.5°	13.6
55°	10.2
57.5°	7.8
60°	6.0
62.5°	4.7
65°	3.6
67.5°	2.9
70°	2.2
72.5°	1.6
75°	1.1
77.5°	0.8
80°	0.4
82.5°	0.4
85°	0.2
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)