

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: P859742

Luminaire Tested: **LX4C08D010 EX4C089827 4LBNH**

Issue Date: 2/8/2022



Test Information

Test Method: LM-79-08
Report Number: P859742
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P207666)
Test Lab: INNOVATION CENTER
Issue Date: 2/8/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX4C08D010 EX4C089827 4LBNH
Description:
Light Source: -
Ballast/Driver: -

Summary

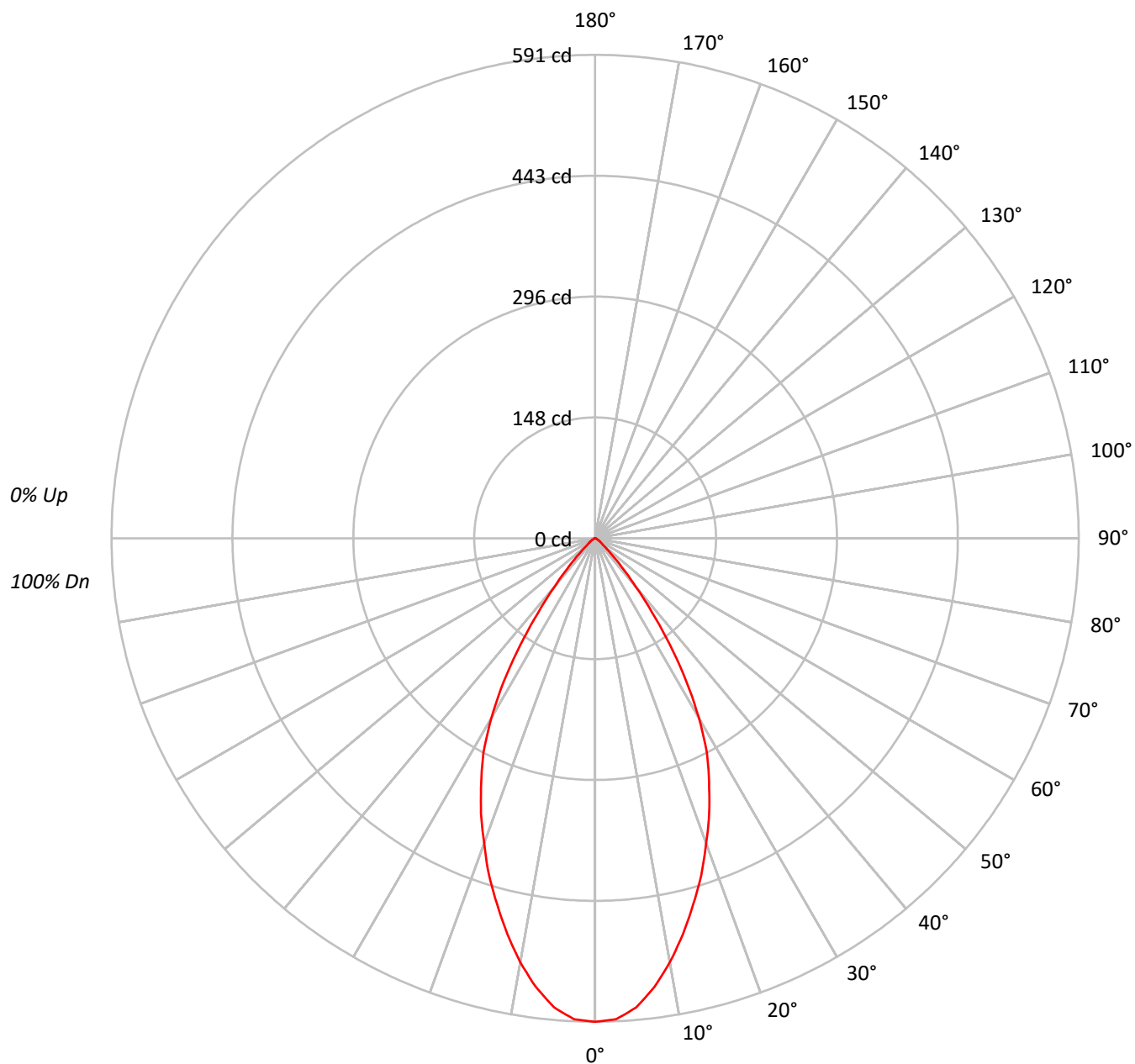
Lumens per Lamp: N/A
Luminaire Lumens: 470.9 lumens
Efficiency: N/A
Efficacy: 47.6 lumens/watt
Spacing Criteria (0/90/45): 0.81 / 0.81 / 0.85
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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		105	103	101			101	99	98			97
2	108	103	99	96		106	101	98	94		98	95	92			95	93	90			92
3	102	96	91	87		100	95	90	86		92	88	85			90	86	84			87
4	97	90	84	80		95	89	83	79		86	82	78			84	81	78			83
5	92	84	78	74		91	83	78	73		81	76	73			80	75	72			78
6	88	79	73	69		86	78	72	68		76	72	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	64	60		68	63	59			67	63	59			66
9	76	66	60	56		74	65	60	56		65	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°	72619
5°	71009
10°	65655
15°	58913
20°	51851
25°	44624
30°	35933
35°	23921
40°	12445
45°	5647
50°	2446
55°	1649
60°	1057
65°	756
70°	611
75°	427
80°	0
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.3	11.3
10°-20°	129.4	27.5
20°-30°	150.2	31.9
30°-40°	99.5	21.1
40°-50°	27.9	5.9
50°-60°	7.0	1.5
60°-70°	2.6	0.6
70°-80°	0.9	0.2
80°-90°	0.0	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°	332.9	70.7
0°-40°	432.4	91.8
0°-60°	467.3	99.2
0°-90°	470.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	470.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	591	
5°	576	53
15°	463	129
25°	329	150
35°	160	99
45°	32	28
55°	8	7
65°	3	3
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	591.1
2.5°	588.5
5°	575.8
7.5°	553.6
10°	526.3
12.5°	495.6
15°	463.2
17.5°	431.6
20°	396.6
22.5°	364.3
25°	329.2
27.5°	296.0
30°	253.3
32.5°	208.1
35°	159.5
37.5°	114.3
40°	77.6
42.5°	50.3
45°	32.5
47.5°	19.6
50°	12.8
52.5°	9.4
55°	7.7
57.5°	6.0
60°	4.3
62.5°	3.4
65°	2.6
67.5°	1.7
70°	1.7
72.5°	0.9
75°	0.9
77.5°	0.9
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)