

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: P859744

Luminaire Tested: **LX4C08D010 EX4C089827 4LBSH**

Issue Date: 2/14/2022



Test Information

Test Method: LM-79-08
Report Number: P859744
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 EX4C089827 4LBSH
Description:
Light Source: -
Ballast/Driver: -

Summary

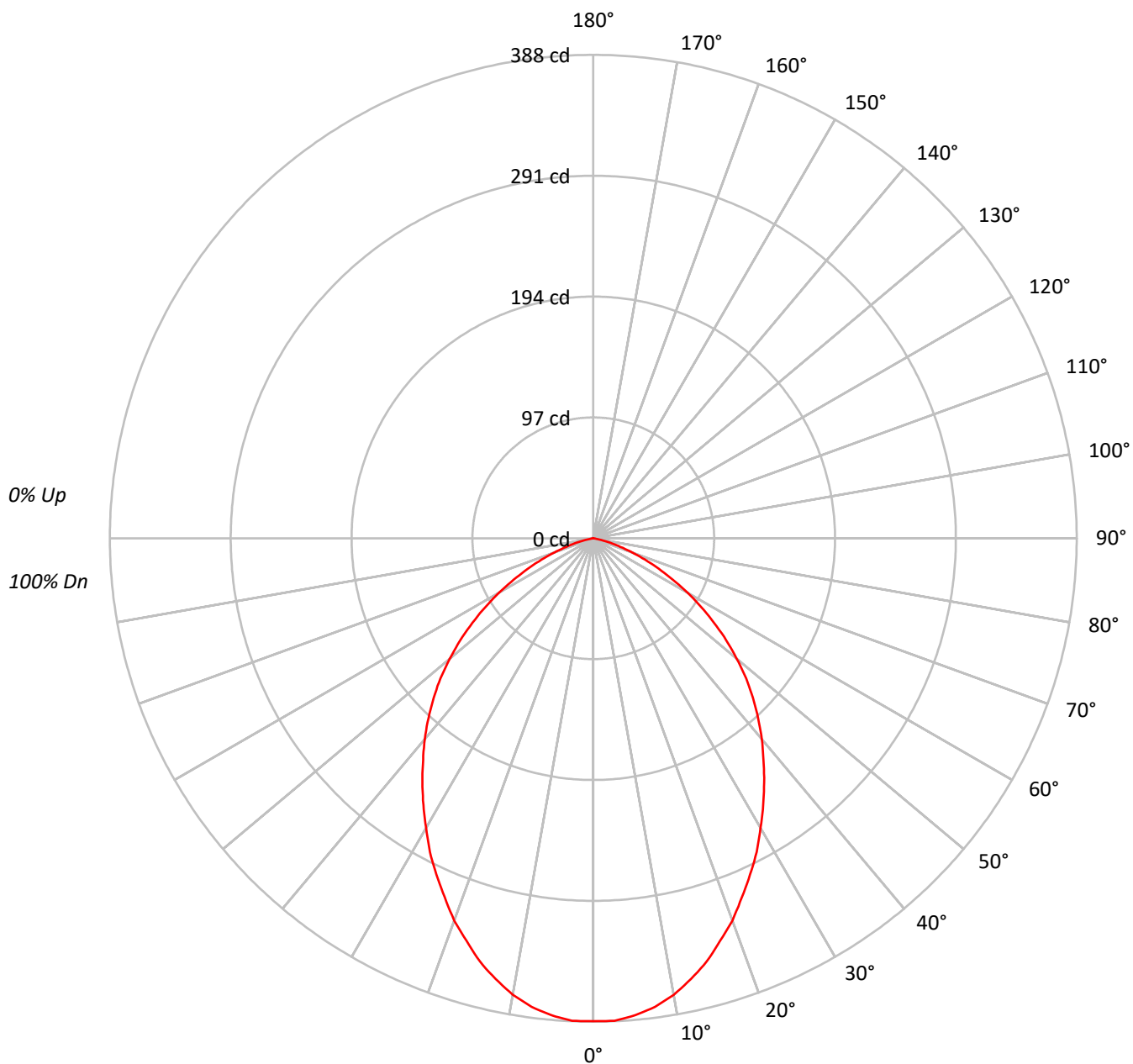
Lumens per Lamp: N/A
Luminaire Lumens: 741.0 lumens
Efficiency: N/A
Efficacy: 74.9 lumens/watt
Spacing Criteria (0/90/45): 1.06 / 1.06 / 1.17
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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

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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	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	111	107	104	101		108	105	102	99		101	98	96		97	95	93		93	92	90
2	102	96	90	85		100	94	88	84		90	86	82		87	83	80		84	81	79
3	95	85	78	73		92	84	77	72		81	75	71		78	74	70		76	72	69
4	87	77	69	63		85	75	68	63		73	67	62		71	65	61		69	64	60
5	81	69	61	55		79	68	61	55		66	60	55		64	59	54		63	58	53
6	75	63	55	49		73	62	54	49		60	54	49		59	53	48		57	52	48
7	70	58	50	44		68	57	49	44		55	49	44		54	48	43		53	47	43
8	65	53	45	40		64	52	45	40		51	44	39		50	44	39		49	43	39
9	61	49	41	36		60	48	41	36		47	40	36		46	40	36		45	40	35
10	58	45	38	33		56	45	38	33		44	37	33		43	37	33		42	37	33

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	47618
5°	47393
10°	46407
15°	44732
20°	42673
25°	40368
30°	38075
35°	35859
40°	33759
45°	31465
50°	28707
55°	25338
60°	21450
65°	16860
70°	11997
75°	6598
80°	1132
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.3	4.9
10°-20°	98.7	13.3
20°-30°	137.0	18.5
30°-40°	149.5	20.2
40°-50°	139.5	18.8
50°-60°	105.9	14.3
60°-70°	58.0	7.8
70°-80°	15.9	2.1
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°	272.0	36.7
0°-40°	421.5	56.9
0°-60°	666.9	90.0
0°-90°	741.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	741.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	388	
5°	384	36
15°	352	99
25°	298	137
35°	239	150
45°	181	139
55°	118	106
65°	58	58
75°	14	16
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	387.6
2.5°	387.6
5°	384.3
7.5°	379.4
10°	372.0
12.5°	362.3
15°	351.7
17.5°	338.6
20°	326.4
22.5°	311.7
25°	297.8
27.5°	283.9
30°	268.4
32.5°	253.8
35°	239.1
37.5°	224.4
40°	210.5
42.5°	195.8
45°	181.1
47.5°	166.4
50°	150.2
52.5°	134.7
55°	118.3
57.5°	102.8
60°	87.3
62.5°	71.8
65°	58.0
67.5°	44.9
70°	33.4
72.5°	22.8
75°	13.9
77.5°	6.5
80°	1.6
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)