

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: P859783

Luminaire Tested: **LX4C08D010 EX4C089840 4LBSH**

Issue Date: 2/14/2022



Test Information

Test Method: LM-79-08
Report Number: P859783
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 EX4C089840 4LBSH
Description:
Light Source: -
Ballast/Driver: -

Summary

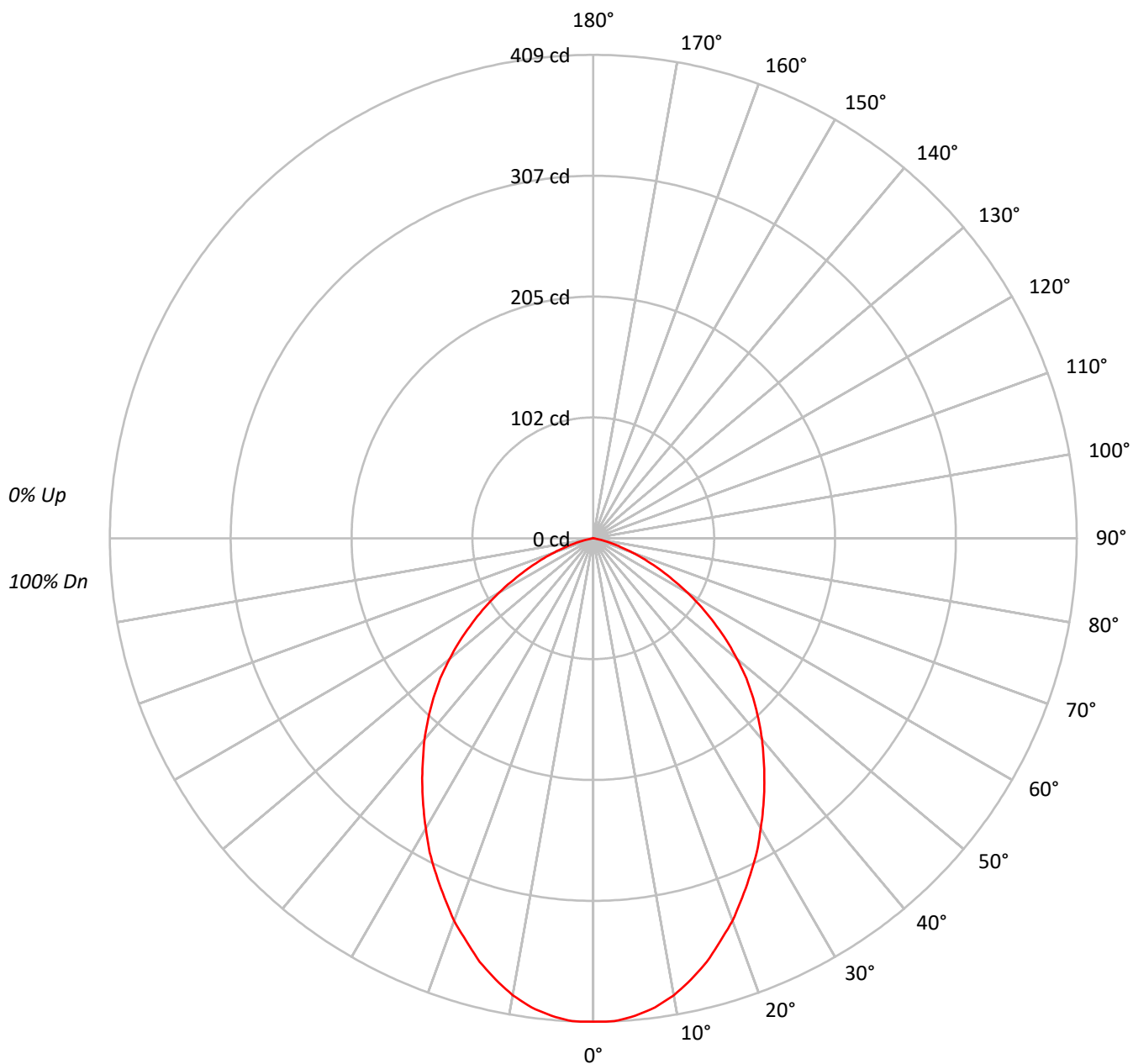
Lumens per Lamp: N/A
Luminaire Lumens: 782.0 lumens
Efficiency: N/A
Efficacy: 79.0 lumens/watt
Spacing Criteria (0/90/45): 1.06 / 1.06 / 1.17
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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°	50247
5°	50020
10°	48976
15°	47199
20°	45026
25°	42591
30°	40189
35°	37839
40°	35619
45°	33219
50°	30293
55°	26731
60°	22630
65°	17791
70°	12680
75°	6930
80°	1203
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.3	4.9
10°-20°	104.1	13.3
20°-30°	144.6	18.5
30°-40°	157.8	20.2
40°-50°	147.2	18.8
50°-60°	111.7	14.3
60°-70°	61.2	7.8
70°-80°	16.8	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°	287.0	36.7
0°-40°	444.8	56.9
0°-60°	703.8	90.0
0°-90°	782.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	782.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	409	
5°	406	38
15°	371	104
25°	314	145
35°	252	158
45°	191	147
55°	125	112
65°	61	61
75°	15	17
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	409.0
2.5°	409.0
5°	405.6
7.5°	400.4
10°	392.6
12.5°	382.3
15°	371.1
17.5°	357.3
20°	344.4
22.5°	329.0
25°	314.2
27.5°	299.6
30°	283.3
32.5°	267.8
35°	252.3
37.5°	236.8
40°	222.1
42.5°	206.6
45°	191.2
47.5°	175.7
50°	158.5
52.5°	142.1
55°	124.8
57.5°	108.5
60°	92.1
62.5°	75.8
65°	61.2
67.5°	47.4
70°	35.3
72.5°	24.1
75°	14.6
77.5°	6.9
80°	1.7
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)