

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: P859770

Luminaire Tested: **LX4C08D010 EX4C089835 4LBSH**

Issue Date: 2/14/2022



Test Information

Test Method: LM-79-08
Report Number: P859770
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 EX4C089835 4LBSH
Description:
Light Source: -
Ballast/Driver: -

Summary

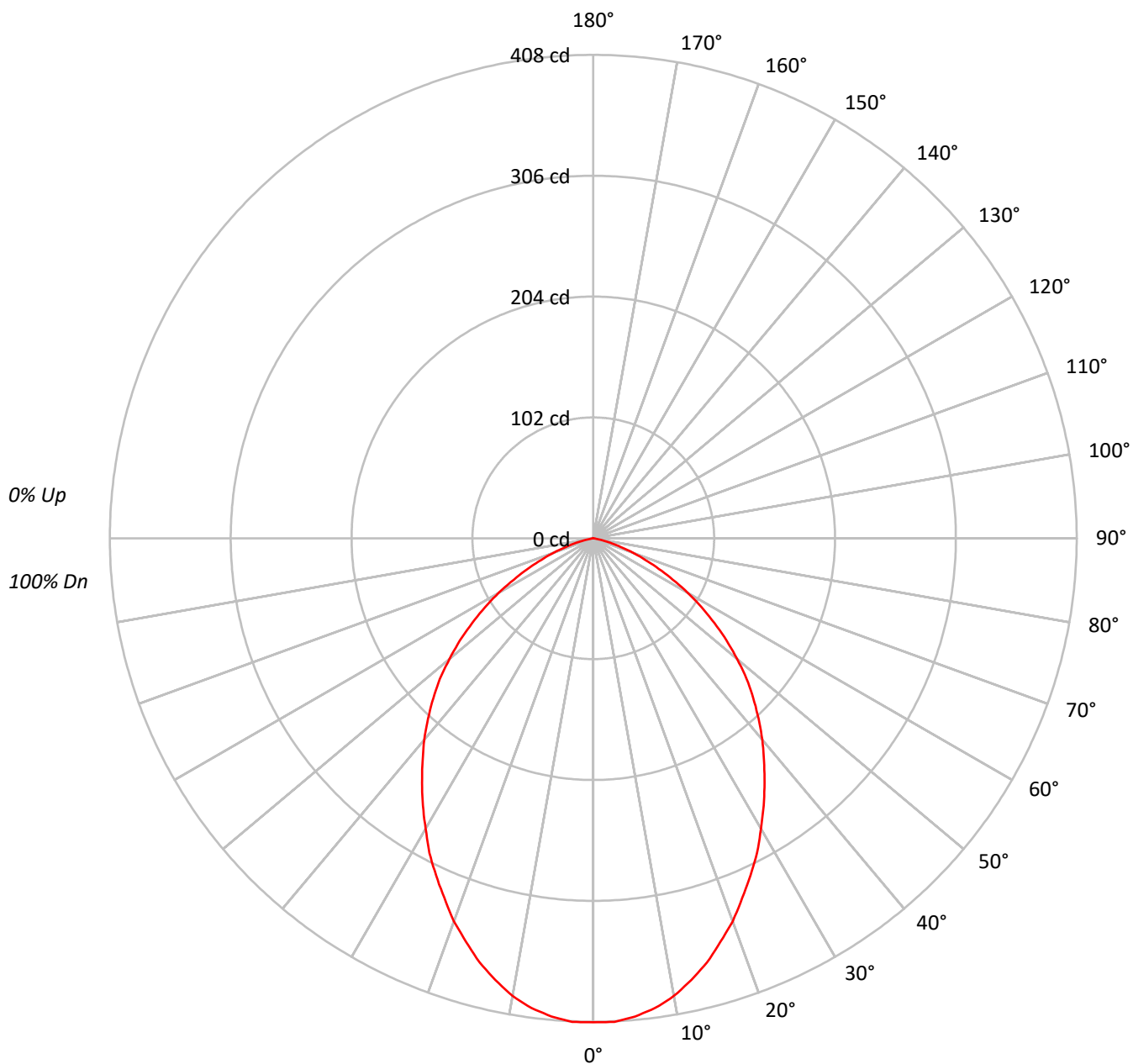
Lumens per Lamp: N/A
Luminaire Lumens: 781.2 lumens
Efficiency: N/A
Efficacy: 78.9 lumens/watt
Spacing Criteria (0/90/45): 1.06 / 1.06 / 1.17
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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°	50186
5°	49958
10°	48926
15°	47148
20°	44974
25°	42550
30°	40132
35°	37794
40°	35587
45°	33167
50°	30255
55°	26731
60°	22605
65°	17762
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°	104.0	13.3
20°-30°	144.4	18.5
30°-40°	157.6	20.2
40°-50°	147.0	18.8
50°-60°	111.6	14.3
60°-70°	61.1	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°	286.7	36.7
0°-40°	444.3	56.9
0°-60°	703.0	90.0
0°-90°	781.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	781.2	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	408	
5°	405	38
15°	371	104
25°	314	144
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°	408.5
2.5°	408.5
5°	405.1
7.5°	399.9
10°	392.2
12.5°	381.9
15°	370.7
17.5°	357.0
20°	344.0
22.5°	328.5
25°	313.9
27.5°	299.4
30°	282.9
32.5°	267.5
35°	252.0
37.5°	236.5
40°	221.9
42.5°	206.4
45°	190.9
47.5°	175.5
50°	158.3
52.5°	141.9
55°	124.8
57.5°	108.3
60°	92.0
62.5°	75.7
65°	61.1
67.5°	47.3
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)