

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: P857053

Luminaire Tested: **LX4C15D010 EX4C159835 4LBSH**

Issue Date: 2/14/2022



Test Information

Test Method: LM-79-08
Report Number: P857053
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: LX4C15D010 EX4C159835 4LBSH
Description:
Light Source: -
Ballast/Driver: -

Summary

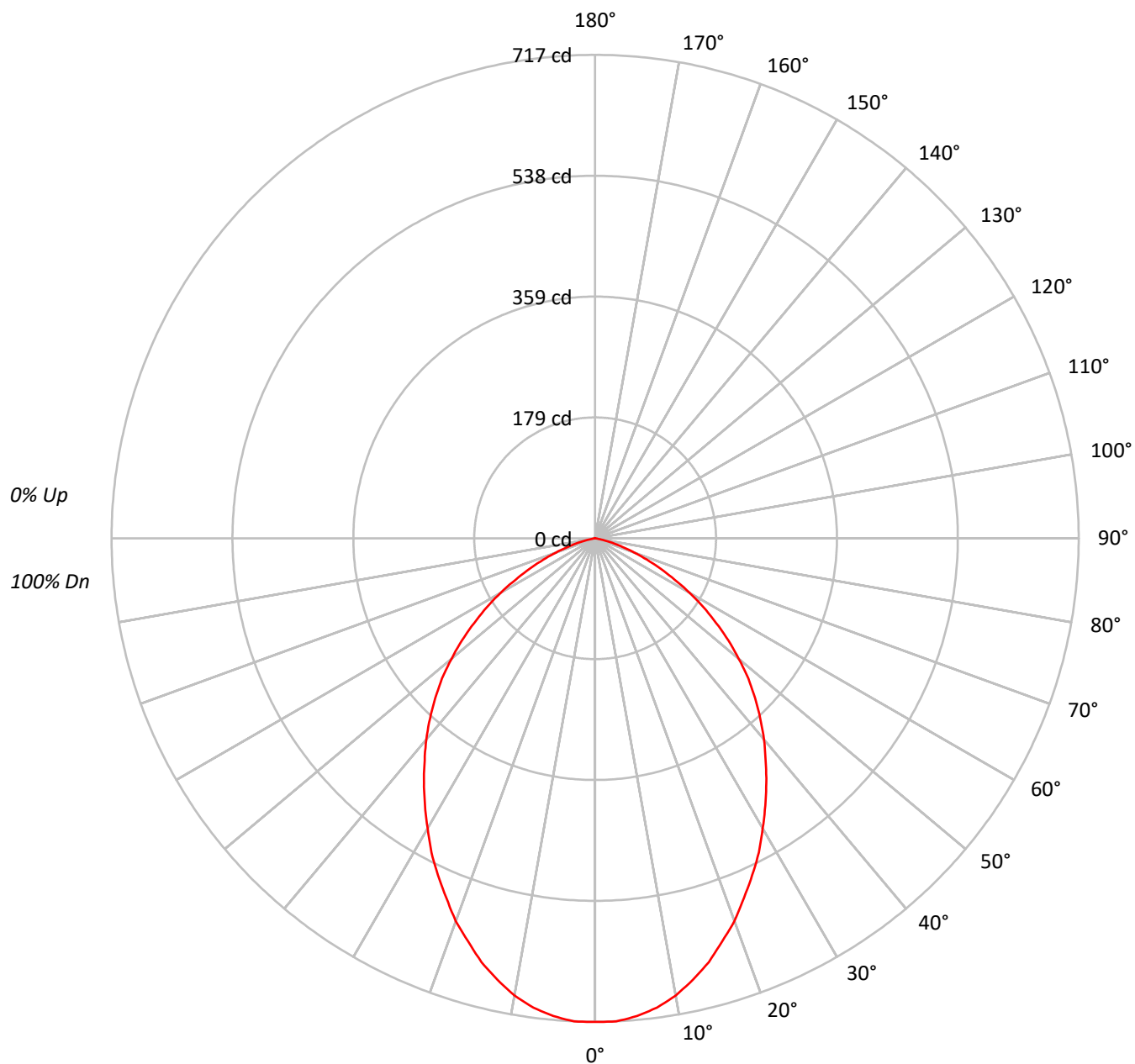
Lumens per Lamp: N/A
Luminaire Lumens: 1371.5 lumens
Efficiency: N/A
Efficacy: 86.8 lumens/watt
Spacing Criteria (0/90/45): 1.06 / 1.06 / 1.17
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 15.8
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	111	107	104	101	108	105	102	99	101	98	96		97	95	93		93
2	102	96	90	85	100	94	88	84	90	86	82		87	83	80		84
3	95	85	78	73	92	84	77	72	81	75	71		78	74	70		76
4	87	77	69	63	85	75	68	63	73	67	62		71	65	61		69
5	81	69	61	55	79	68	61	55	66	60	55		64	59	54		63
6	75	63	55	49	73	62	54	49	60	54	49		59	53	48		57
7	70	58	50	44	68	57	49	44	55	49	44		54	48	43		53
8	65	53	45	40	64	52	45	40	51	44	39		50	44	39		49
9	61	49	41	36	60	48	41	36	47	40	36		46	40	36		45
10	58	45	38	33	56	45	38	33	44	37	33		43	37	33		42

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	88123
5°	87719
10°	85902
15°	82786
20°	78979
25°	74717
30°	70476
35°	66365
40°	62482
45°	58238
50°	53114
55°	46907
60°	39706
65°	31163
70°	22234
75°	12199
80°	2122
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.2	4.9
10°-20°	182.6	13.3
20°-30°	253.6	18.5
30°-40°	276.8	20.2
40°-50°	258.1	18.8
50°-60°	196.0	14.3
60°-70°	107.3	7.8
70°-80°	29.5	2.2
80°-90°	0.4	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°	503.4	36.7
0°-40°	780.2	56.9
0°-60°	1234.3	90.0
0°-90°	1371.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1371.5	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	717	
5°	711	67
15°	651	183
25°	551	254
35°	442	277
45°	335	258
55°	219	196
65°	107	107
75°	26	30
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	717.3
2.5°	717.3
5°	711.3
7.5°	702.2
10°	688.6
12.5°	670.5
15°	650.9
17.5°	626.7
20°	604.1
22.5°	576.9
25°	551.2
27.5°	525.5
30°	496.8
32.5°	469.6
35°	442.5
37.5°	415.3
40°	389.6
42.5°	362.4
45°	335.2
47.5°	308.0
50°	277.9
52.5°	249.2
55°	219.0
57.5°	190.3
60°	161.6
62.5°	132.9
65°	107.2
67.5°	83.0
70°	61.9
72.5°	42.3
75°	25.7
77.5°	12.0
80°	3.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)