

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: P857027

Luminaire Tested: **LX4C15D010 EX4C159827 4LBSH**

Issue Date: 2/14/2022



Test Information

Test Method: LM-79-08
Report Number: P857027
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 EX4C159827 4LBSH
Description:
Light Source: -
Ballast/Driver: -

Summary

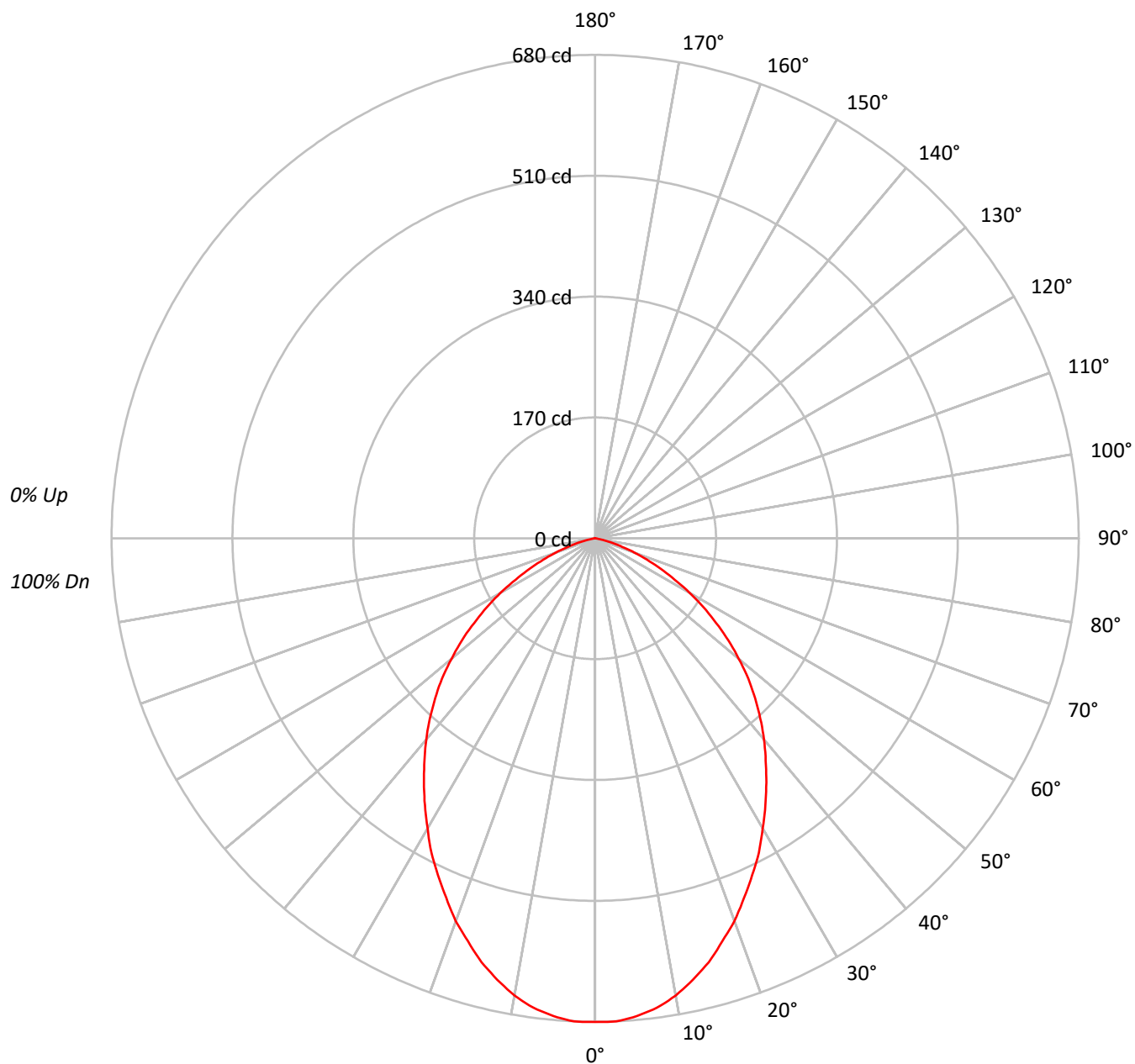
Lumens per Lamp: N/A
Luminaire Lumens: 1301.0 lumens
Efficiency: N/A
Efficacy: 82.3 lumens/watt
Spacing Criteria (0/90/45): 1.06 / 1.06 / 1.17
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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°	83590
5°	83206
10°	81486
15°	78525
20°	74913
25°	70868
30°	66858
35°	62945
40°	59258
45°	55250
50°	50381
55°	44487
60°	37667
65°	29564
70°	21121
75°	11534
80°	2052
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.7	4.9
10°-20°	173.2	13.3
20°-30°	240.6	18.5
30°-40°	262.5	20.2
40°-50°	244.9	18.8
50°-60°	185.9	14.3
60°-70°	101.8	7.8
70°-80°	28.0	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°	477.6	36.7
0°-40°	740.1	56.9
0°-60°	1170.9	90.0
0°-90°	1301.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1301.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	680	
5°	675	64
15°	617	173
25°	523	241
35°	420	263
45°	318	245
55°	208	186
65°	102	102
75°	24	28
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	680.4
2.5°	680.4
5°	674.7
7.5°	666.1
10°	653.2
12.5°	636.1
15°	617.4
17.5°	594.5
20°	573.0
22.5°	547.3
25°	522.8
27.5°	498.6
30°	471.3
32.5°	445.5
35°	419.7
37.5°	394.0
40°	369.5
42.5°	343.8
45°	318.0
47.5°	292.2
50°	263.6
52.5°	236.4
55°	207.7
57.5°	180.5
60°	153.3
62.5°	126.1
65°	101.7
67.5°	78.7
70°	58.8
72.5°	40.1
75°	24.3
77.5°	11.4
80°	2.9
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)