

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: P857036

Luminaire Tested: **LX4C15D010 EX4C159830 4LBMH**

Issue Date: 2/8/2022



Test Information

Test Method: LM-79-08
Report Number: P857036
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P206636)
Test Lab: INNOVATION CENTER
Issue Date: 2/8/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX4C15D010 EX4C159830 4LBMH
Description:
Light Source: -
Ballast/Driver: -

Summary

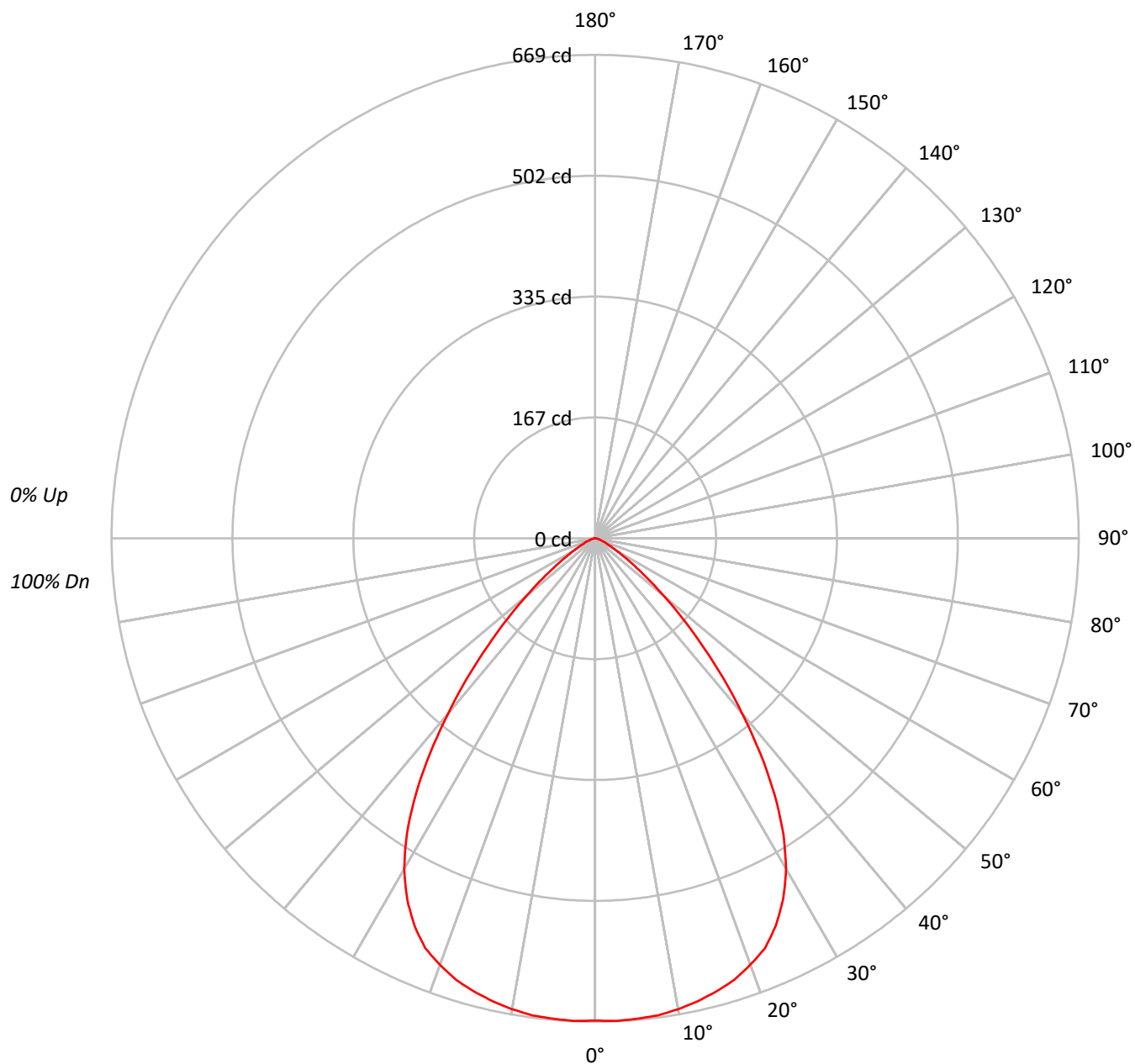
Lumens per Lamp: N/A
Luminaire Lumens: 1035.4 lumens
Efficiency: N/A
Efficacy: 65.5 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.18 / 1.13
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	112	109	106	104	110	107	104	102	103	101	99	99	97	96	96	94	93	91		
2	105	100	95	91	103	98	93	90	95	91	88	91	88	86	89	86	84	82		
3	99	91	85	80	97	90	84	80	87	82	78	84	80	77	82	79	76	74		
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67		
5	87	77	70	65	85	76	69	64	74	68	64	72	67	63	70	66	62	61		
6	81	71	64	58	80	70	63	58	68	62	58	67	61	57	65	61	57	55		
7	76	65	58	53	75	65	58	53	63	57	53	62	56	52	61	56	52	50		
8	72	60	53	49	70	60	53	49	59	53	48	58	52	48	57	52	48	46		
9	67	56	49	45	66	56	49	45	55	49	44	54	48	44	53	48	44	43		
10	64	52	46	41	63	52	46	41	51	45	41	50	45	41	49	44	41	39		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	81980
5°	82293
10°	82546
15°	82545
20°	82103
25°	80180
30°	74944
35°	64895
40°	50694
45°	36381
50°	23623
55°	14136
60°	8280
65°	5320
70°	3520
75°	2658
80°	2052
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.6	6.1
10°-20°	183.1	17.7
20°-30°	270.2	26.1
30°-40°	266.7	25.8
40°-50°	163.2	15.8
50°-60°	62.6	6.0
60°-70°	19.6	1.9
70°-80°	5.7	0.6
80°-90°	0.8	0.1
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°	516.9	49.9
0°-40°	783.5	75.7
0°-60°	1009.3	97.5
0°-90°	1035.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1035.4	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	667	
5°	667	64
15°	649	183
25°	592	270
35°	433	267
45°	209	163
55°	66	63
65°	18	20
75°	6	6
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	667.3
2.5°	668.7
5°	667.3
7.5°	666.0
10°	661.7
12.5°	656.1
15°	649.0
17.5°	640.6
20°	628.0
22.5°	614.0
25°	591.5
27.5°	563.3
30°	528.3
32.5°	484.7
35°	432.7
37.5°	375.1
40°	316.1
42.5°	261.3
45°	209.4
47.5°	162.9
50°	123.6
52.5°	91.3
55°	66.0
57.5°	46.4
60°	33.7
62.5°	25.3
65°	18.3
67.5°	14.1
70°	9.8
72.5°	7.0
75°	5.6
77.5°	2.9
80°	2.9
82.5°	1.4
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)