

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: P857023

Luminaire Tested: **LX4C15D010 EX4C159827 4LBMH**

Issue Date: 2/8/2022



Test Information

Test Method: LM-79-08
Report Number: P857023
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 EX4C159827 4LBMH
Description:
Light Source: -
Ballast/Driver: -

Summary

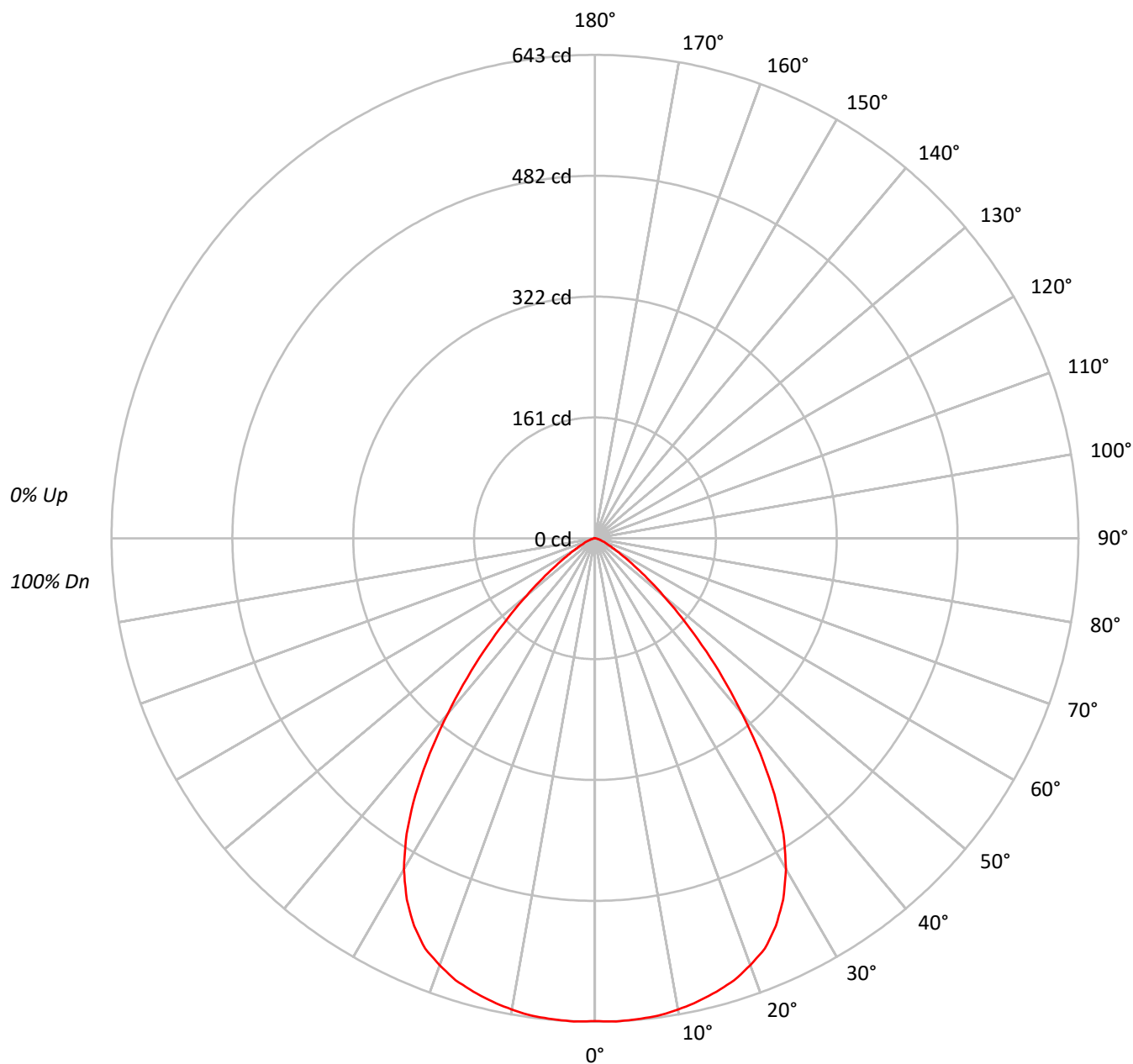
Lumens per Lamp: N/A
Luminaire Lumens: 996.1 lumens
Efficiency: N/A
Efficacy: 63.0 lumens/watt
Spacing Criteria (0/90/45): 1.17 / 1.17 / 1.13
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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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CATALOG NUMBER: LX4C15D010 EX4C159827 4LBMH

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	68	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°	78884
5°	79186
10°	79415
15°	79416
20°	78992
25°	77130
30°	72093
35°	62435
40°	48770
45°	34991
50°	22744
55°	13601
60°	7961
65°	5116
70°	3412
75°	2563
80°	1910
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.1	6.1
10°-20°	176.2	17.7
20°-30°	260.0	26.1
30°-40°	256.5	25.8
40°-50°	157.0	15.8
50°-60°	60.2	6.0
60°-70°	18.8	1.9
70°-80°	5.5	0.6
80°-90°	0.7	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°	497.3	49.9
0°-40°	753.8	75.7
0°-60°	971.0	97.5
0°-90°	996.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	996.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	642	
5°	642	61
15°	624	176
25°	569	260
35°	416	257
45°	201	157
55°	64	60
65°	18	19
75°	5	6
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	642.1
2.5°	643.4
5°	642.1
7.5°	640.7
10°	636.6
12.5°	631.2
15°	624.4
17.5°	616.3
20°	604.2
22.5°	590.7
25°	569.0
27.5°	542.0
30°	508.2
32.5°	466.3
35°	416.3
37.5°	360.9
40°	304.1
42.5°	251.4
45°	201.4
47.5°	156.8
50°	119.0
52.5°	87.8
55°	63.5
57.5°	44.6
60°	32.4
62.5°	24.3
65°	17.6
67.5°	13.6
70°	9.5
72.5°	6.8
75°	5.4
77.5°	2.7
80°	2.7
82.5°	1.3
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)