

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: P858236

Luminaire Tested: **LX4C45D010 EX4C459835 4LBMH**

Issue Date: 2/8/2022



Test Information

Test Method: LM-79-08
Report Number: P858236
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: LX4C45D010 EX4C459835 4LBMH
Description:
Light Source: -
Ballast/Driver: -

Summary

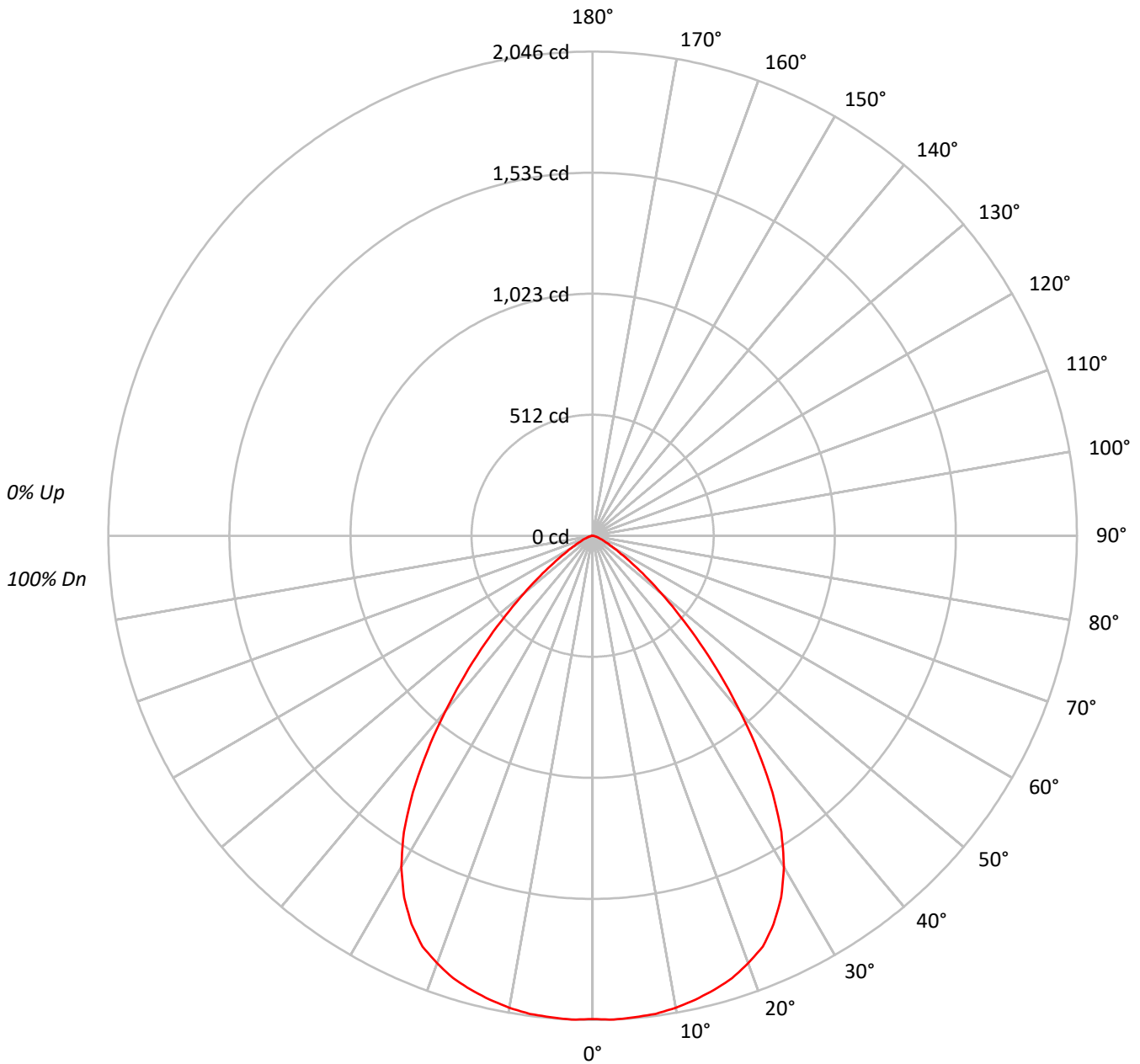
Lumens per Lamp: N/A
Luminaire Lumens: 3168.3 lumens
Efficiency: N/A
Efficacy: 63.9 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.18 / 1.13
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 49.6
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			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			100
1	112	109	106	104	110	107	104	102	103	101	99	99	97	96	96	94	93	91			91
2	105	100	95	91	103	98	93	90	95	91	88	91	88	86	89	86	84	82			82
3	99	91	85	80	97	90	84	80	87	82	78	84	80	77	82	79	76	74			74
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67			67
5	87	77	70	65	85	76	69	64	74	68	64	72	67	63	70	66	62	61			61
6	81	71	64	58	80	70	63	58	68	62	58	67	61	57	65	61	57	55			55
7	76	65	58	53	75	65	58	53	63	57	53	62	56	52	61	56	52	50			50
8	72	60	53	49	70	60	53	49	59	53	48	58	52	48	57	52	48	46			46
9	68	56	49	45	66	56	49	45	55	49	44	54	48	44	53	48	44	43			43
10	64	52	46	41	63	52	46	41	51	45	41	50	45	41	49	44	41	39			39

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	250891
5°	251850
10°	252616
15°	252632
20°	251239
25°	245352
30°	229315
35°	198584
40°	155130
45°	111299
50°	72303
55°	43287
60°	25332
65°	16250
70°	10812
75°	8164
80°	6084
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	194.5	6.1
10°-20°	560.4	17.7
20°-30°	826.9	26.1
30°-40°	816.0	25.8
40°-50°	499.4	15.8
50°-60°	191.5	6.0
60°-70°	59.9	1.9
70°-80°	17.5	0.6
80°-90°	2.3	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°	1581.8	49.9
0°-40°	2397.8	75.7
0°-60°	3088.6	97.5
0°-90°	3168.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3168.3	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2042	
5°	2042	194
15°	1986	560
25°	1810	827
35°	1324	816
45°	641	499
55°	202	191
65°	56	60
75°	17	18
85°	0	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	2042.2
2.5°	2046.5
5°	2042.2
7.5°	2037.9
10°	2025.0
12.5°	2007.8
15°	1986.3
17.5°	1960.4
20°	1921.7
22.5°	1878.9
25°	1810.0
27.5°	1723.9
30°	1616.5
32.5°	1483.3
35°	1324.1
37.5°	1147.9
40°	967.3
42.5°	799.6
45°	640.6
47.5°	498.6
50°	378.3
52.5°	279.6
55°	202.1
57.5°	141.8
60°	103.1
62.5°	77.5
65°	55.9
67.5°	43.1
70°	30.1
72.5°	21.5
75°	17.2
77.5°	8.6
80°	8.6
82.5°	4.3
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)