

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: P857494

Luminaire Tested: **LX4C25D010 EX4C259850 4LBMH**

Issue Date: 2/8/2022



Test Information

Test Method: LM-79-08
Report Number: P857494
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: LX4C25D010 EX4C259850 4LBMH
Description:
Light Source: -
Ballast/Driver: -

Summary

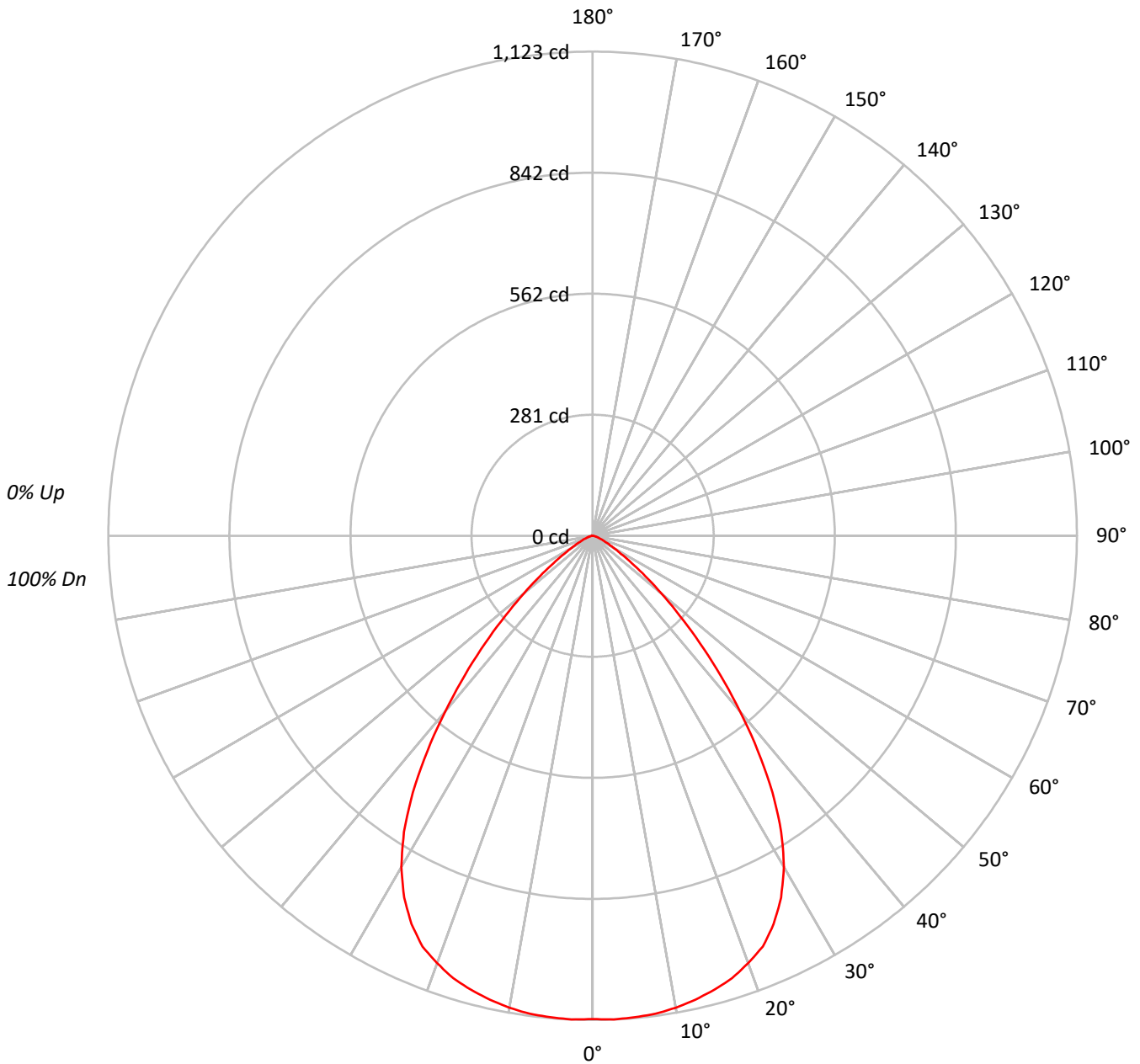
Lumens per Lamp: N/A
Luminaire Lumens: 1738.8 lumens
Efficiency: N/A
Efficacy: 55.2 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.18 / 1.13
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 31.5
Input Voltage (V):
Input Current (A_{in}): 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																	
RC	80									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	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																											
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°	137694
5°	138220
10°	138646
15°	138660
20°	137889
25°	134659
30°	125857
35°	108988
40°	85142
45°	61087
50°	39678
55°	23754
60°	13882
65°	8924
70°	5927
75°	4509
80°	3325
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	106.7	6.1
10°-20°	307.6	17.7
20°-30°	453.8	26.1
30°-40°	447.9	25.8
40°-50°	274.1	15.8
50°-60°	105.0	6.0
60°-70°	32.8	1.9
70°-80°	9.6	0.6
80°-90°	1.3	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°	868.1	49.9
0°-40°	1316.0	75.7
0°-60°	1695.1	97.5
0°-90°	1738.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1738.8	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1121	
5°	1121	107
15°	1090	308
25°	993	454
35°	727	448
45°	352	274
55°	111	105
65°	31	33
75°	10	10
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1120.8
2.5°	1123.1
5°	1120.8
7.5°	1118.4
10°	1111.4
12.5°	1101.9
15°	1090.2
17.5°	1076.0
20°	1054.7
22.5°	1031.2
25°	993.4
27.5°	946.1
30°	887.2
32.5°	814.1
35°	726.7
37.5°	630.0
40°	530.9
42.5°	438.9
45°	351.6
47.5°	273.7
50°	207.6
52.5°	153.4
55°	110.9
57.5°	77.8
60°	56.5
62.5°	42.5
65°	30.7
67.5°	23.6
70°	16.5
72.5°	11.8
75°	9.5
77.5°	4.7
80°	4.7
82.5°	2.3
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)