

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: P857831

Luminaire Tested: **LX4C35D010 EX4C359830 4LBMDH**

Issue Date: 2/18/2022



Test Information

Test Method: LM-79-08
Report Number: P857831
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2105-247-9)
Test Lab: INNOVATION CENTER
Issue Date: 2/18/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX4C35D010 EX4C359830 4LBMDH
Description:
Light Source: -
Ballast/Driver: -

Summary

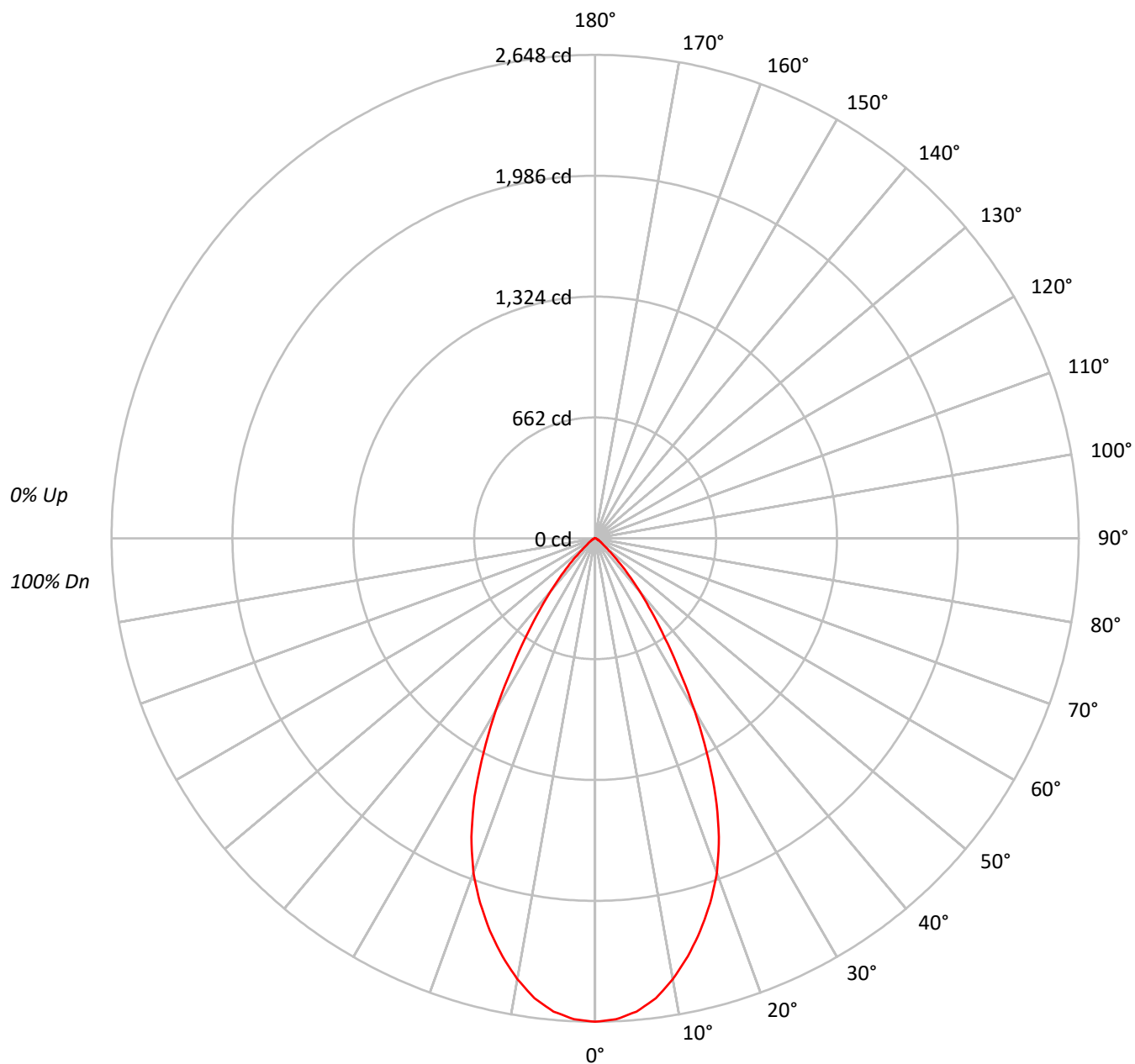
Lumens per Lamp: N/A
Luminaire Lumens: 2198.2 lumens
Efficiency: N/A
Efficacy: 54.4 lumens/watt
Spacing Criteria (0/90/45): 0.86 / 0.86 / 0.83
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 40.4
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	113	111	108	106	111	109	106	104	104	103	101		101	99	98		97
2	108	103	99	95	106	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	73	68	64	72	67	63		71	66	63		70
8	79	70	64	60	78	69	63	60	68	63	59		67	62	59		66
9	76	66	60	56	74	65	60	56	64	59	56		64	59	56		63
10	72	62	57	53	71	62	56	53	61	56	53		60	56	52		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	325328
5°	320947
10°	305884
15°	283043
20°	254795
25°	211681
30°	153874
35°	99749
40°	60365
45°	31117
50°	14086
55°	8482
60°	5700
65°	4070
70°	3089
75°	2041
80°	1273
85°	846



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	243.6	11.1
10°-20°	621.0	28.3
20°-30°	702.2	31.9
30°-40°	424.4	19.3
40°-50°	148.7	6.8
50°-60°	38.0	1.7
60°-70°	14.6	0.7
70°-80°	4.9	0.2
80°-90°	0.7	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°	1566.9	71.3
0°-40°	1991.3	90.6
0°-60°	2177.9	99.1
0°-90°	2198.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2198.2	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2648	
5°	2602	244
15°	2225	621
25°	1562	702
35°	665	424
45°	179	149
55°	40	38
65°	14	15
75°	4	5
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	2648.1
2.5°	2637.1
5°	2602.5
7.5°	2540.9
10°	2452.0
12.5°	2344.8
15°	2225.4
17.5°	2094.5
20°	1948.9
22.5°	1770.5
25°	1561.6
27.5°	1322.3
30°	1084.7
32.5°	857.5
35°	665.1
37.5°	504.3
40°	376.4
42.5°	270.4
45°	179.1
47.5°	110.2
50°	73.7
52.5°	53.0
55°	39.6
57.5°	30.4
60°	23.2
62.5°	18.3
65°	14.0
67.5°	11.0
70°	8.6
72.5°	6.1
75°	4.3
77.5°	3.0
80°	1.8
82.5°	1.2
85°	0.6
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)