

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: P857466

Luminaire Tested: **LX4C25D010 EX4C259835 4LBMDH**

Issue Date: 2/18/2022



Test Information

Test Method: LM-79-08
Report Number: P857466
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: LX4C25D010 EX4C259835 4LBMDH
Description:
Light Source: -
Ballast/Driver: -

Summary

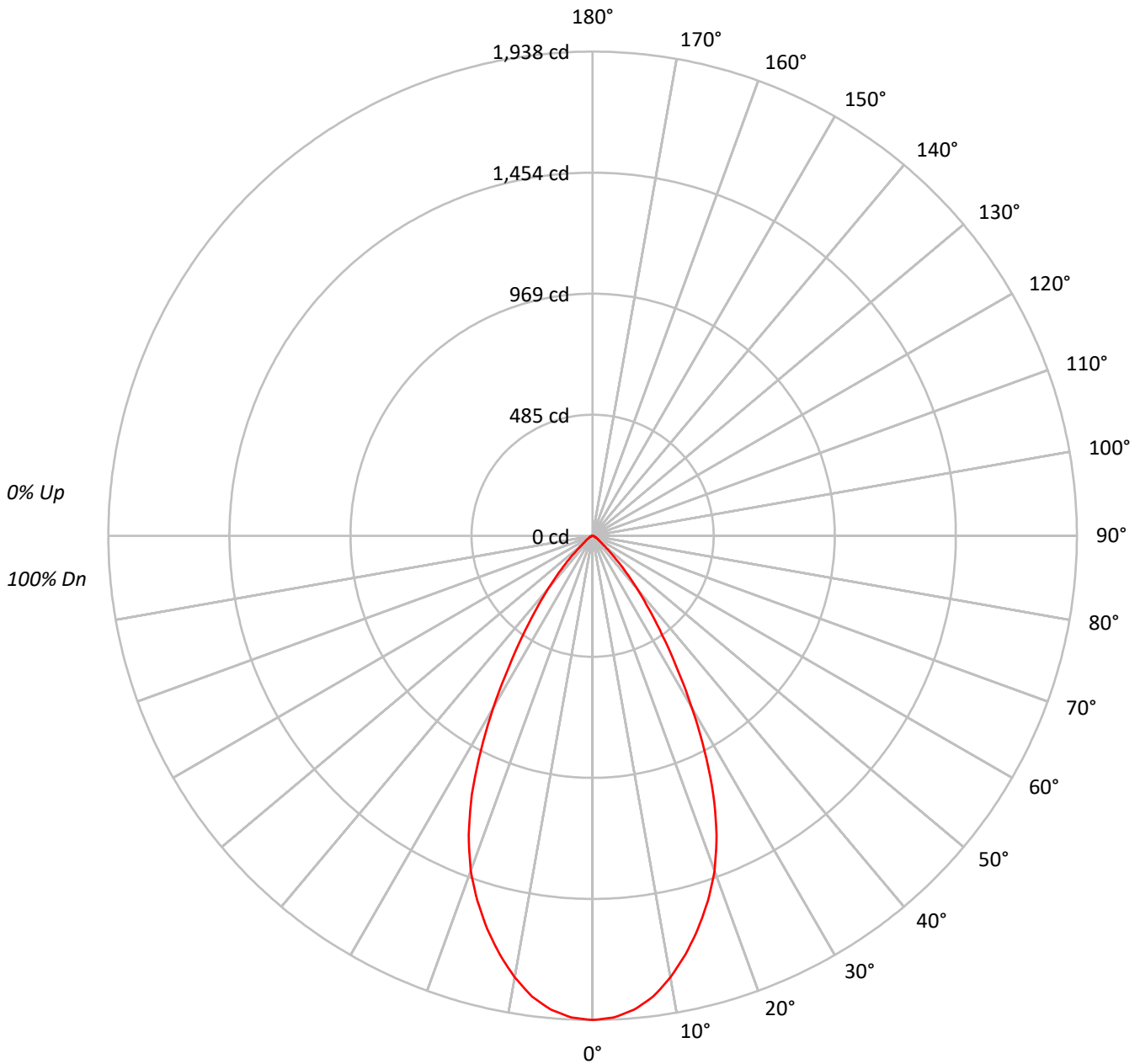
Lumens per Lamp: N/A
Luminaire Lumens: 1608.7 lumens
Efficiency: N/A
Efficacy: 51.1 lumens/watt
Spacing Criteria (0/90/45): 0.86 / 0.86 / 0.83
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 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				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			
1	113	111	108	106	111	109	106	104	104	103	101	101	99	98	97	96	95	93			
2	108	103	99	95	106	101	97	94	98	95	92	95	92	90	92	90	88	87			
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	84	82	81			
4	97	90	84	80	95	88	83	79	86	82	78	84	80	77	82	79	77	75			
5	92	84	78	74	91	83	77	73	81	76	73	79	75	72	78	74	71	70			
6	88	79	73	68	86	78	72	68	76	71	68	75	71	67	74	70	67	65			
7	83	74	68	64	82	73	68	64	72	67	63	71	66	63	70	66	63	61			
8	79	70	64	60	78	69	63	60	68	63	59	67	62	59	66	62	59	57			
9	76	66	60	56	74	65	60	56	64	59	56	64	59	56	63	58	55	54			
10	72	62	57	53	71	62	56	53	61	56	53	60	56	52	60	55	52	51			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	238090
5°	234881
10°	223862
15°	207150
20°	186472
25°	154924
30°	112608
35°	72994
40°	44183
45°	22777
50°	10321
55°	6211
60°	4152
65°	2994
70°	2227
75°	1471
80°	920
85°	564



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	178.3	11.1
10°-20°	454.5	28.3
20°-30°	513.9	31.9
30°-40°	310.6	19.3
40°-50°	108.8	6.8
50°-60°	27.9	1.7
60°-70°	10.7	0.7
70°-80°	3.6	0.2
80°-90°	0.5	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°	1146.7	71.3
0°-40°	1457.3	90.6
0°-60°	1594.0	99.1
0°-90°	1608.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1608.7	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1938	
5°	1905	178
15°	1629	454
25°	1143	514
35°	487	311
45°	131	109
55°	29	28
65°	10	11
75°	3	4
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1938.0
2.5°	1930.0
5°	1904.6
7.5°	1859.5
10°	1794.5
12.5°	1716.1
15°	1628.7
17.5°	1532.8
20°	1426.3
22.5°	1295.7
25°	1142.9
27.5°	967.6
30°	793.8
32.5°	627.6
35°	486.7
37.5°	369.1
40°	275.5
42.5°	197.9
45°	131.1
47.5°	80.7
50°	54.0
52.5°	38.8
55°	29.0
57.5°	22.3
60°	16.9
62.5°	13.4
65°	10.3
67.5°	8.0
70°	6.2
72.5°	4.5
75°	3.1
77.5°	2.2
80°	1.3
82.5°	0.9
85°	0.4
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)