

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: P857444

Luminaire Tested: **LX4C25D010 EX4C259827 4LBNH**

Issue Date: 2/8/2022



Test Information

Test Method: LM-79-08
Report Number: P857444
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P207666)
Test Lab: INNOVATION CENTER
Issue Date: 2/8/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX4C25D010 EX4C259827 4LBNH
Description:
Light Source: -
Ballast/Driver: -

Summary

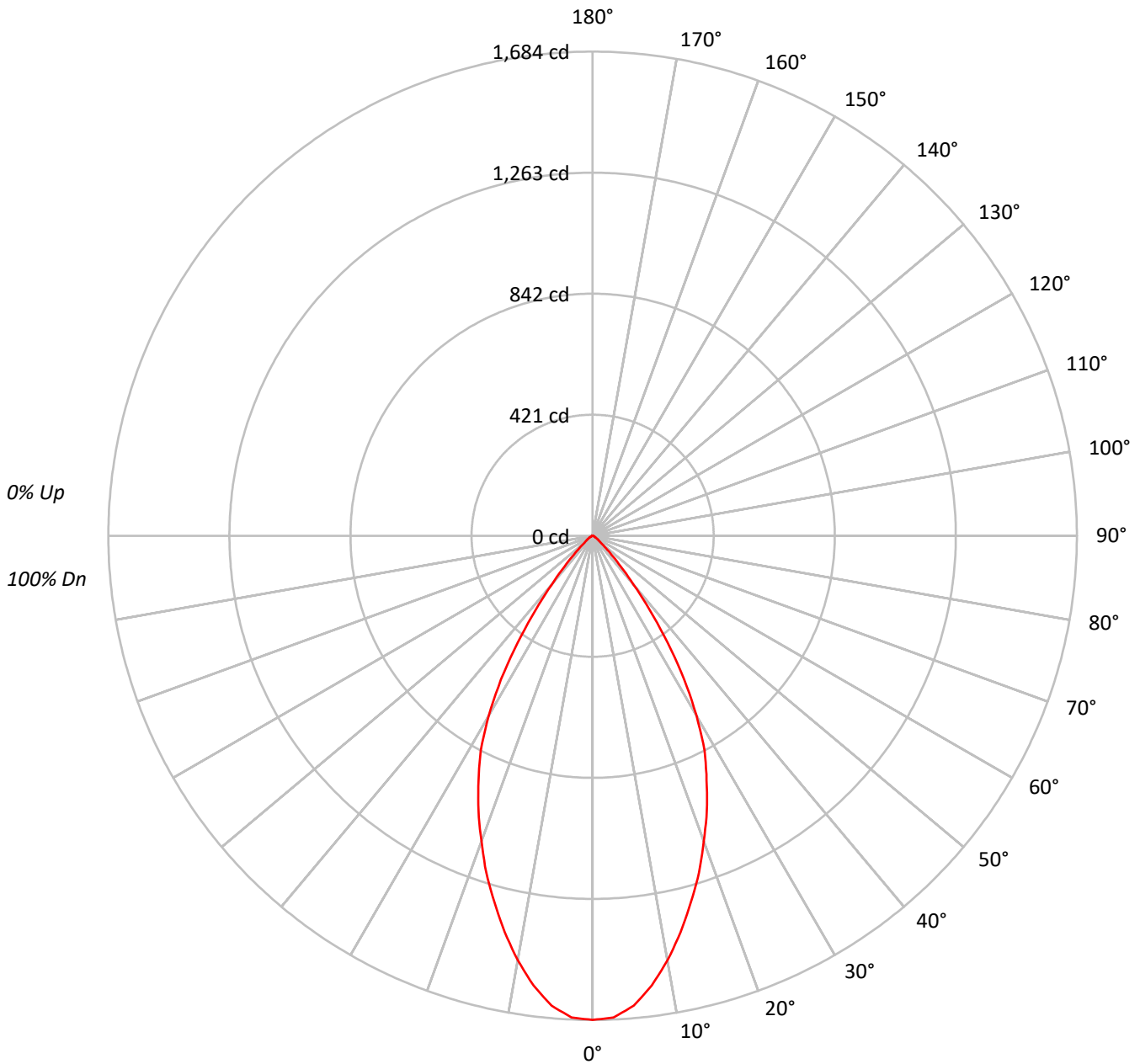
Lumens per Lamp: N/A
Luminaire Lumens: 1341.1 lumens
Efficiency: N/A
Efficacy: 42.6 lumens/watt
Spacing Criteria (0/90/45): 0.81 / 0.81 / 0.85
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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	105	103	101	101	99	98	97	96	95	93			
2	108	103	99	96	106	101	98	94	98	95	92	95	93	90	92	90	89	87			
3	102	96	91	87	100	95	90	86	92	88	85	90	86	84	87	85	82	81			
4	97	90	84	80	95	89	83	79	86	82	78	84	81	78	83	79	77	75			
5	92	84	78	74	91	83	78	73	81	76	73	80	75	72	78	74	72	70			
6	88	79	73	69	86	78	72	68	77	72	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	64	60	68	63	59	67	63	59	66	62	59	58			
9	76	66	60	56	74	65	60	56	65	59	56	64	59	56	63	59	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°	206873
5°	202274
10°	187023
15°	167811
20°	147721
25°	127122
30°	102380
35°	68149
40°	35459
45°	16054
50°	6976
55°	4669
60°	2998
65°	2122
70°	1760
75°	1139
80°	0
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	151.9	11.3
10°-20°	368.5	27.5
20°-30°	427.8	31.9
30°-40°	283.3	21.1
40°-50°	79.5	5.9
50°-60°	20.0	1.5
60°-70°	7.5	0.6
70°-80°	2.5	0.2
80°-90°	0.0	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°	948.3	70.7
0°-40°	1231.6	91.8
0°-60°	1331.1	99.3
0°-90°	1341.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1341.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1684	
5°	1640	152
15°	1319	369
25°	938	428
35°	454	283
45°	92	79
55°	22	20
65°	7	8
75°	2	3
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1683.9
2.5°	1676.6
5°	1640.2
7.5°	1577.0
10°	1499.2
12.5°	1411.7
15°	1319.4
17.5°	1229.4
20°	1129.9
22.5°	1037.5
25°	937.8
27.5°	843.1
30°	721.7
32.5°	592.8
35°	454.4
37.5°	325.6
40°	221.1
42.5°	143.3
45°	92.4
47.5°	55.9
50°	36.5
52.5°	26.7
55°	21.8
57.5°	17.0
60°	12.2
62.5°	9.7
65°	7.3
67.5°	4.9
70°	4.9
72.5°	2.4
75°	2.4
77.5°	2.4
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)