

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: P857498

Luminaire Tested: **LX4C25D010 EX4C259850 4LBSH**

Issue Date: 2/14/2022



Test Information

Test Method: LM-79-08
Report Number: P857498
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P205729)
Test Lab: INNOVATION CENTER
Issue Date: 2/14/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX4C25D010 EX4C259850 4LBSH
Description:
Light Source: -
Ballast/Driver: -

Summary

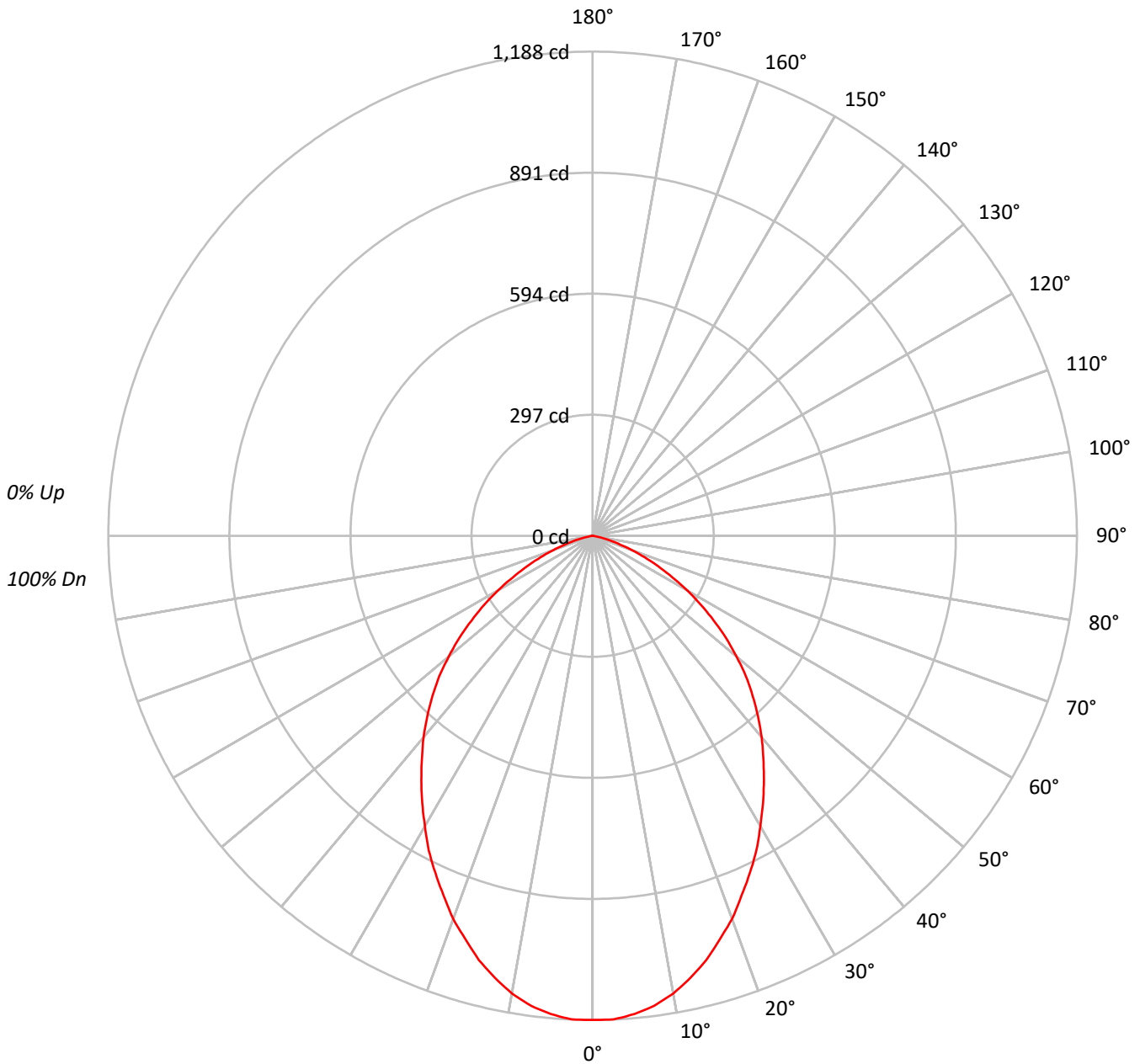
Lumens per Lamp: N/A
Luminaire Lumens: 2271.3 lumens
Efficiency: N/A
Efficacy: 72.1 lumens/watt
Spacing Criteria (0/90/45): 1.06 / 1.06 / 1.17
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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	111	107	104	101	108	105	102	99	101	98	96	97	95	93	93	92	90	88			
2	102	96	90	85	100	94	88	84	90	86	82	87	83	80	84	81	79	77			
3	95	85	78	73	92	84	77	72	81	75	71	78	74	70	76	72	69	67			
4	87	77	69	63	85	75	68	63	73	67	62	71	65	61	69	64	60	58			
5	81	69	61	55	79	68	61	55	66	60	55	64	59	54	63	58	53	51			
6	75	63	55	49	73	62	54	49	60	54	49	59	53	48	57	52	48	46			
7	70	58	50	44	68	57	49	44	55	49	44	54	48	43	53	47	43	41			
8	65	53	45	40	64	52	45	40	51	44	39	50	44	39	49	43	39	37			
9	61	49	41	36	60	48	41	36	47	40	36	46	40	36	45	40	35	34			
10	58	45	38	33	56	45	38	33	44	37	33	43	37	33	42	37	33	31			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	145938
5°	145262
10°	142263
15°	137082
20°	130777
25°	123734
30°	116707
35°	109888
40°	103473
45°	96461
50°	87937
55°	77686
60°	65751
65°	51599
70°	36854
75°	20173
80°	3537
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	111.3	4.9
10°-20°	302.4	13.3
20°-30°	420.0	18.5
30°-40°	458.3	20.2
40°-50°	427.5	18.8
50°-60°	324.5	14.3
60°-70°	177.7	7.8
70°-80°	48.9	2.2
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°	833.7	36.7
0°-40°	1292.0	56.9
0°-60°	2044.0	90.0
0°-90°	2271.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2271.3	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1188	
5°	1178	111
15°	1078	302
25°	913	420
35°	733	458
45°	555	428
55°	363	325
65°	178	178
75°	42	49
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1187.9
2.5°	1187.9
5°	1177.9
7.5°	1162.9
10°	1140.4
12.5°	1110.4
15°	1077.8
17.5°	1037.9
20°	1000.3
22.5°	955.3
25°	912.8
27.5°	870.3
30°	822.7
32.5°	777.7
35°	732.7
37.5°	687.7
40°	645.2
42.5°	600.1
45°	555.2
47.5°	510.2
50°	460.1
52.5°	412.6
55°	362.7
57.5°	315.1
60°	267.6
62.5°	220.1
65°	177.5
67.5°	137.5
70°	102.6
72.5°	70.0
75°	42.5
77.5°	20.0
80°	5.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)