

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: P857486

Luminaire Tested: **LX4C25D010 EX4C259840 4LBSLI**

Issue Date: 2/9/2022



Test Information

Test Method: LM-79-08
Report Number: P857486
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P208407)
Test Lab: INNOVATION CENTER
Issue Date: 2/9/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX4C25D010 EX4C259840 4LBSLI
Description:
Light Source: -
Ballast/Driver: -

Summary

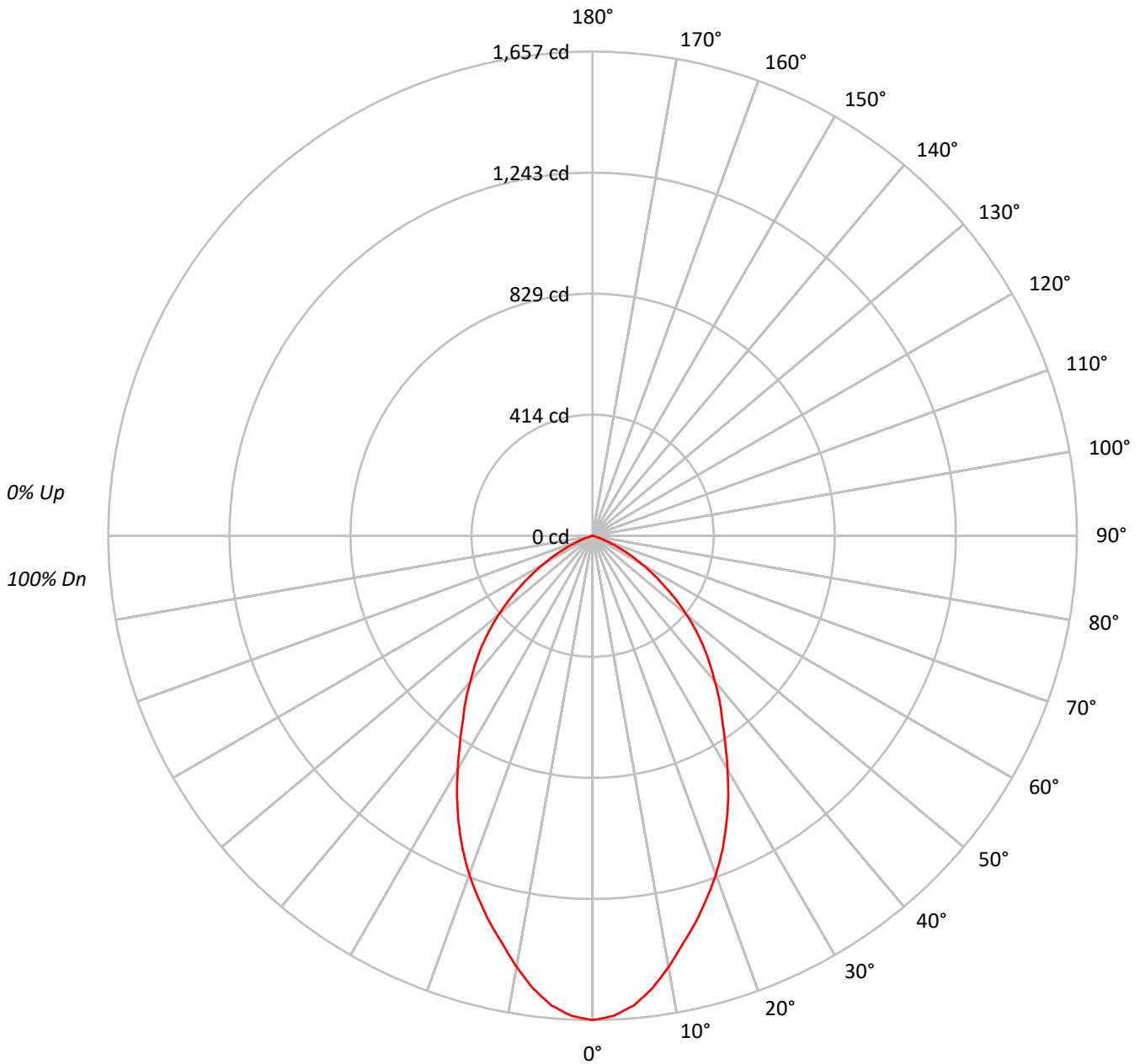
Lumens per Lamp: N/A
Luminaire Lumens: 2321.2 lumens
Efficiency: N/A
Efficacy: 73.7 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 1
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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	112	108	105	102	109	106	103	101	102	100	98	98	96	95	95	93	92	90			
2	104	98	93	88	102	96	91	87	93	89	85	90	86	84	87	84	82	80			
3	97	89	82	77	95	87	81	77	84	79	75	82	78	74	79	76	73	71			
4	90	81	73	68	88	79	73	68	77	71	67	75	70	66	73	69	65	63			
5	84	73	66	61	82	72	65	60	70	64	60	69	63	59	67	62	59	57			
6	79	67	60	54	77	66	59	54	65	58	54	63	58	53	62	57	53	51			
7	74	62	54	49	72	61	54	49	60	53	49	58	53	48	57	52	48	46			
8	69	57	50	45	68	57	50	45	55	49	45	54	49	44	53	48	44	42			
9	65	53	46	41	64	53	46	41	52	45	41	51	45	41	50	44	41	39			
10	61	50	43	38	60	49	42	38	48	42	38	47	42	38	46	41	37	36			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	203617
5°	199006
10°	186886
15°	173865
20°	161265
25°	146995
30°	130865
35°	115992
40°	104259
45°	93316
50°	80063
55°	64385
60°	47987
65°	30639
70°	14763
75°	2468
80°	1839
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	150.3	6.5
10°-20°	383.3	16.5
20°-30°	496.7	21.4
30°-40°	486.6	21.0
40°-50°	412.5	17.8
50°-60°	270.4	11.6
60°-70°	108.7	4.7
70°-80°	12.4	0.5
80°-90°	0.4	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°	1030.2	44.4
0°-40°	1516.9	65.3
0°-60°	2199.7	94.8
0°-90°	2321.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2321.2	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1657	
5°	1614	150
15°	1367	383
25°	1084	497
35°	773	487
45°	537	412
55°	301	270
65°	105	109
75°	5	12
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1657.4
2.5°	1644.6
5°	1613.7
7.5°	1562.3
10°	1498.1
12.5°	1428.7
15°	1367.0
17.5°	1300.2
20°	1233.5
22.5°	1161.5
25°	1084.4
27.5°	1004.7
30°	922.5
32.5°	845.5
35°	773.4
37.5°	714.4
40°	650.1
42.5°	593.5
45°	537.1
47.5°	478.0
50°	418.9
52.5°	359.7
55°	300.6
57.5°	246.7
60°	195.3
62.5°	149.0
65°	105.4
67.5°	69.4
70°	41.1
72.5°	17.9
75°	5.2
77.5°	2.6
80°	2.6
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)