

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: P858014

Luminaire Tested: **LX4C40D010 EX4C409830 4LBSLI**

Issue Date: 2/9/2022



Test Information

Test Method: LM-79-08
Report Number: P858014
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: LX4C40D010 EX4C409830 4LBSLI
Description:
Light Source: -
Ballast/Driver: -

Summary

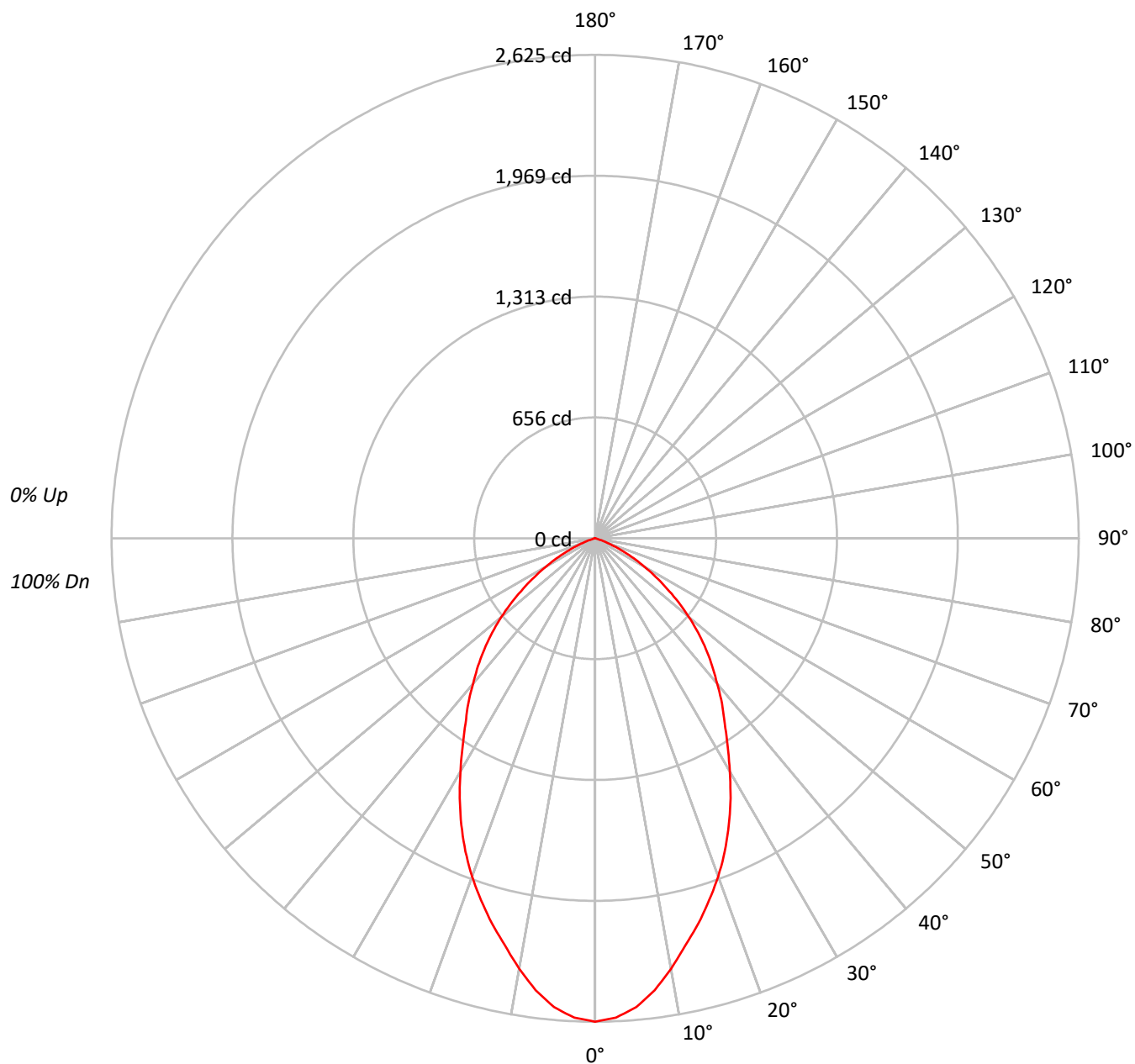
Lumens per Lamp: N/A
Luminaire Lumens: 3676.6 lumens
Efficiency: N/A
Efficacy: 78.2 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 1
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 47
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	30	10	50	30	10
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°	322527
5°	315213
10°	296004
15°	275399
20°	255423
25°	232841
30°	207284
35°	183736
40°	165137
45°	147802
50°	126793
55°	101997
60°	75997
65°	48517
70°	23384
75°	3892
80°	2830
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	238.0	6.5
10°-20°	607.1	16.5
20°-30°	786.7	21.4
30°-40°	770.8	21.0
40°-50°	653.4	17.8
50°-60°	428.3	11.6
60°-70°	172.1	4.7
70°-80°	19.7	0.5
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°	1631.8	44.4
0°-40°	2402.6	65.3
0°-60°	3484.3	94.8
0°-90°	3676.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3676.6	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2625	
5°	2556	238
15°	2165	607
25°	1718	787
35°	1225	771
45°	851	653
55°	476	428
65°	167	172
75°	8	20
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	2625.3
2.5°	2604.9
5°	2556.0
7.5°	2474.6
10°	2372.8
12.5°	2263.0
15°	2165.3
17.5°	2059.6
20°	1953.7
22.5°	1839.8
25°	1717.7
27.5°	1591.4
30°	1461.2
32.5°	1339.1
35°	1225.1
37.5°	1131.5
40°	1029.7
42.5°	940.2
45°	850.7
47.5°	757.1
50°	663.4
52.5°	569.8
55°	476.2
57.5°	390.8
60°	309.3
62.5°	236.0
65°	166.9
67.5°	109.9
70°	65.1
72.5°	28.4
75°	8.2
77.5°	4.0
80°	4.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)