

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: P858013

Luminaire Tested: **LX4C40D010 EX4C409830 4LBSH**

Issue Date: 2/14/2022



Test Information

Test Method: LM-79-08
Report Number: P858013
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: LX4C40D010 EX4C409830 4LBSH
Description:
Light Source: -
Ballast/Driver: -

Summary

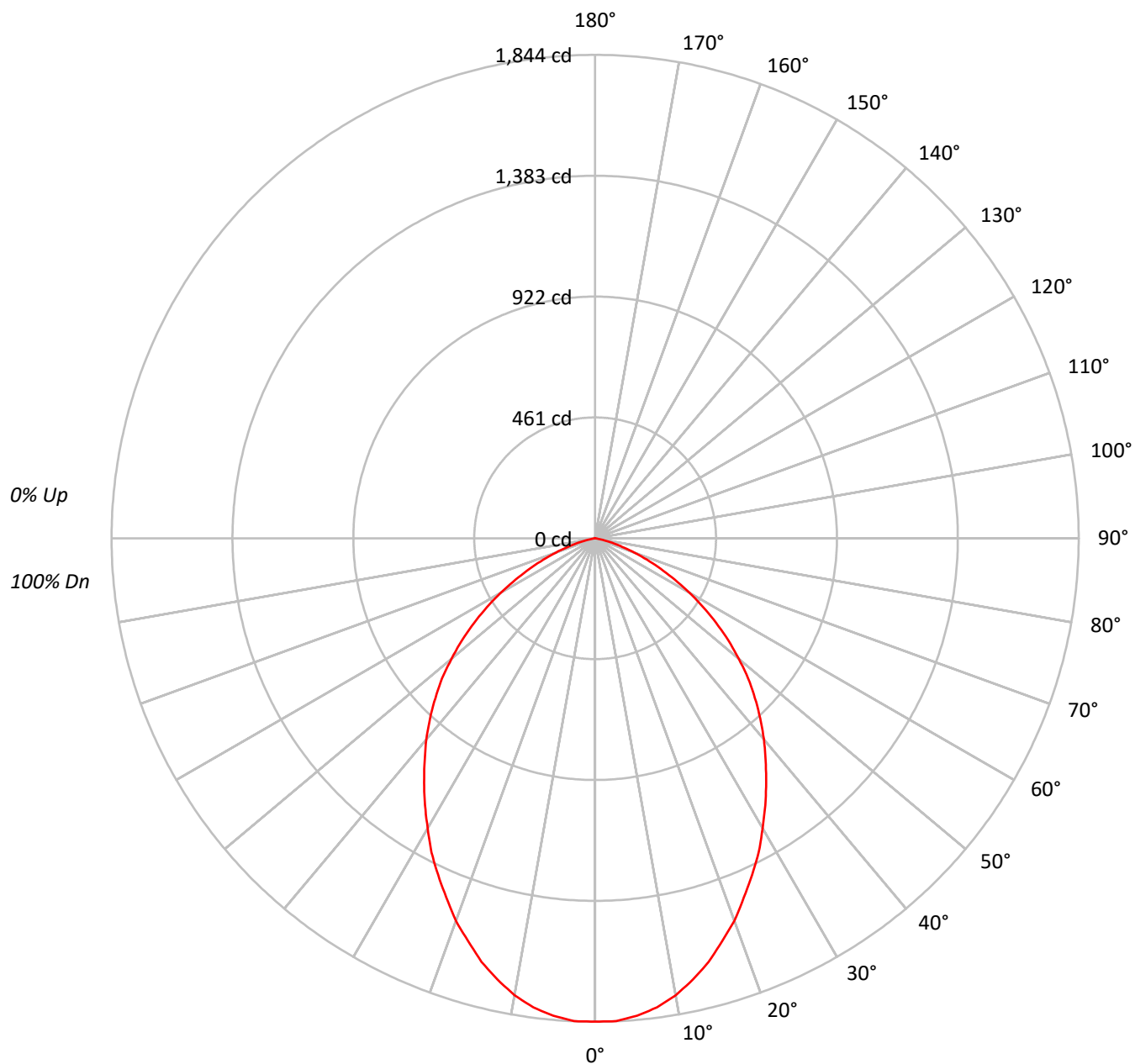
Lumens per Lamp: N/A
Luminaire Lumens: 3525.0 lumens
Efficiency: N/A
Efficacy: 75.0 lumens/watt
Spacing Criteria (0/90/45): 1.06 / 1.06 / 1.17
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 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
RCR																				
0	119	119	119	119	116	116	116	116		111	111	111			106	106	106			102
1	111	107	104	101	108	105	102	99		101	98	96			97	95	93			93
2	102	96	90	85	100	94	88	84		90	86	82			87	83	80			84
3	95	85	78	73	92	84	77	72		81	75	71			78	74	70			76
4	87	77	69	63	85	75	68	63		73	67	62			71	65	61			69
5	81	69	61	55	79	68	61	55		66	60	55			64	59	54			63
6	75	63	55	49	73	62	54	49		60	54	49			59	53	48			57
7	70	58	50	44	68	57	49	44		55	49	44			54	48	43			53
8	65	53	45	40	64	52	45	40		51	44	39			50	44	39			49
9	61	49	41	36	60	48	41	36		47	40	36			46	40	36			45
10	58	45	38	33	56	45	38	33		44	37	33			43	37	33			42

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	226493
5°	225446
10°	220780
15°	212759
20°	202971
25°	192026
30°	181140
35°	170538
40°	160582
45°	149695
50°	136502
55°	120545
60°	102042
65°	80087
70°	57185
75°	31328
80°	5518
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	172.7	4.9
10°-20°	469.4	13.3
20°-30°	651.8	18.5
30°-40°	711.3	20.2
40°-50°	663.5	18.8
50°-60°	503.6	14.3
60°-70°	275.7	7.8
70°-80°	75.9	2.2
80°-90°	1.1	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°	1293.9	36.7
0°-40°	2005.1	56.9
0°-60°	3172.3	90.0
0°-90°	3525.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3525.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1844	
5°	1828	173
15°	1673	469
25°	1417	652
35°	1137	711
45°	862	664
55°	563	504
65°	276	276
75°	66	76
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1843.6
2.5°	1843.6
5°	1828.1
7.5°	1804.8
10°	1769.8
12.5°	1723.3
15°	1672.8
17.5°	1610.8
20°	1552.5
22.5°	1482.6
25°	1416.6
27.5°	1350.7
30°	1276.9
32.5°	1207.1
35°	1137.1
37.5°	1067.3
40°	1001.3
42.5°	931.5
45°	861.6
47.5°	791.8
50°	714.2
52.5°	640.4
55°	562.8
57.5°	489.0
60°	415.3
62.5°	341.5
65°	275.5
67.5°	213.4
70°	159.2
72.5°	108.7
75°	66.0
77.5°	31.0
80°	7.8
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)