

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: P858016

Luminaire Tested: **LX4C40D010 EX4C409830 4LBWH**

Issue Date: 2/8/2022



Test Information

Test Method: LM-79-08
Report Number: P858016
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P206636)
Test Lab: INNOVATION CENTER
Issue Date: 2/8/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX4C40D010 EX4C409830 4LBWH
Description:
Light Source: -
Ballast/Driver: -

Summary

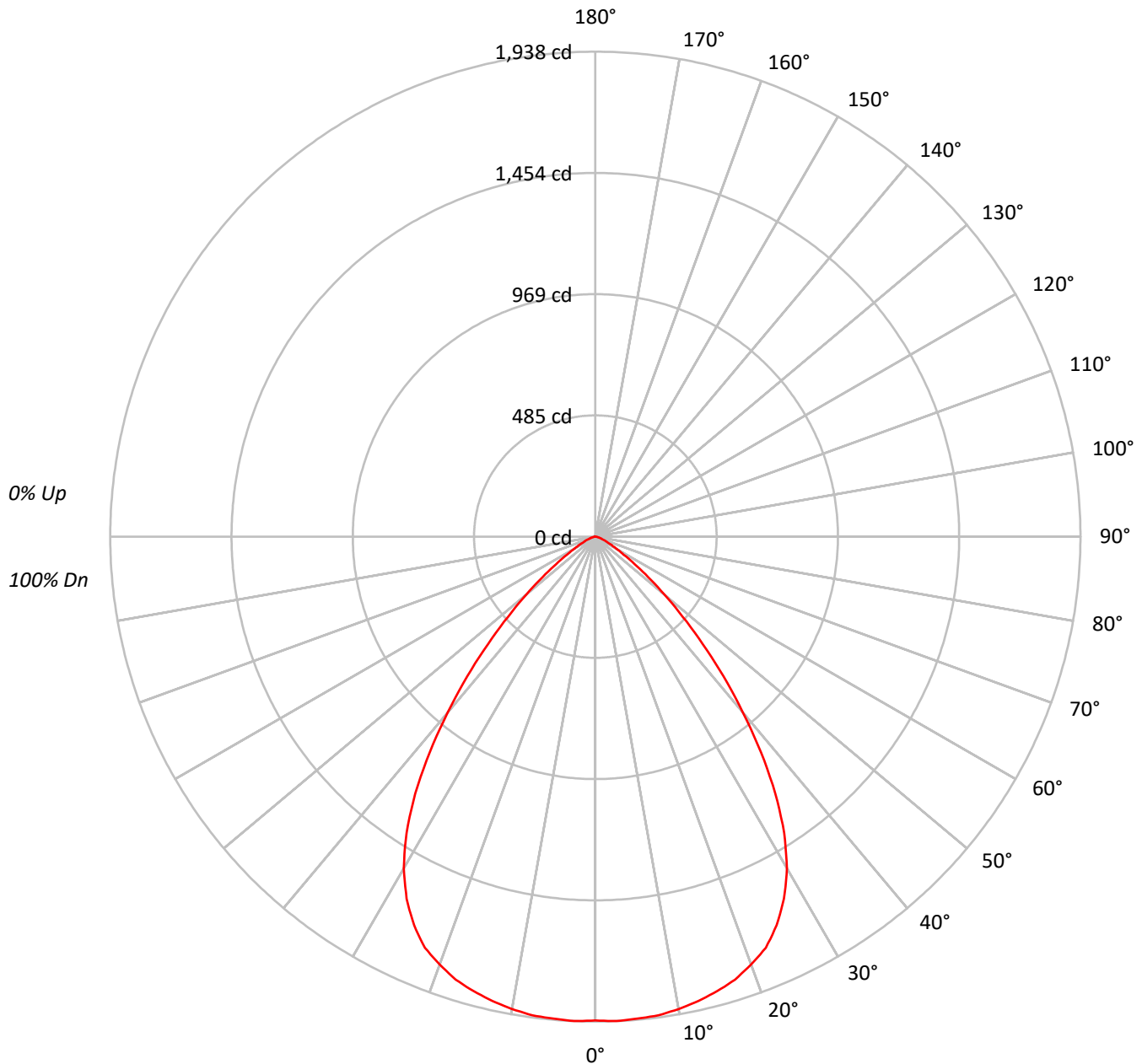
Lumens per Lamp: N/A
Luminaire Lumens: 2999.8 lumens
Efficiency: N/A
Efficacy: 63.8 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.18 / 1.13
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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	112	109	106	104	110	107	104	102	103	101	99		99	97	96		96
2	105	100	95	91	103	98	93	90	95	91	88		91	88	86		89
3	99	91	85	80	97	90	84	80	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	64	74	68	64		72	67	63		70
6	81	71	64	58	80	70	63	58	68	62	58		67	61	57		65
7	76	65	58	53	75	65	58	53	63	57	53		62	56	52		61
8	72	60	53	49	70	60	53	49	59	53	48		58	52	48		57
9	68	56	49	45	66	56	49	45	55	49	44		54	48	44		53
10	64	52	46	41	63	52	46	41	51	45	41		50	45	41		49

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	237549
5°	238457
10°	239168
15°	239188
20°	237878
25°	232299
30°	217129
35°	188025
40°	146870
45°	105391
50°	68461
55°	40974
60°	23981
65°	15407
70°	10237
75°	7737
80°	5731
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	184.1	6.1
10°-20°	530.6	17.7
20°-30°	782.9	26.1
30°-40°	772.6	25.8
40°-50°	472.8	15.8
50°-60°	181.3	6.0
60°-70°	56.7	1.9
70°-80°	16.6	0.6
80°-90°	2.2	0.1
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°	1497.6	49.9
0°-40°	2270.2	75.7
0°-60°	2924.3	97.5
0°-90°	2999.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2999.8	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1934	
5°	1934	184
15°	1881	531
25°	1714	783
35°	1254	773
45°	607	473
55°	191	181
65°	53	57
75°	16	17
85°	0	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1933.6
2.5°	1937.7
5°	1933.6
7.5°	1929.5
10°	1917.2
12.5°	1900.9
15°	1880.6
17.5°	1856.2
20°	1819.5
22.5°	1778.9
25°	1713.7
27.5°	1632.2
30°	1530.6
32.5°	1404.4
35°	1253.7
37.5°	1086.8
40°	915.8
42.5°	757.1
45°	606.6
47.5°	472.1
50°	358.2
52.5°	264.7
55°	191.3
57.5°	134.3
60°	97.6
62.5°	73.3
65°	53.0
67.5°	40.8
70°	28.5
72.5°	20.3
75°	16.3
77.5°	8.1
80°	8.1
82.5°	4.1
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)