

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: P858042

Luminaire Tested: **LX4C40D010 EX4C409840 4LBWH**

Issue Date: 2/8/2022



Test Information

Test Method: LM-79-08
Report Number: P858042
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 EX4C409840 4LBWH
Description:
Light Source: -
Ballast/Driver: -

Summary

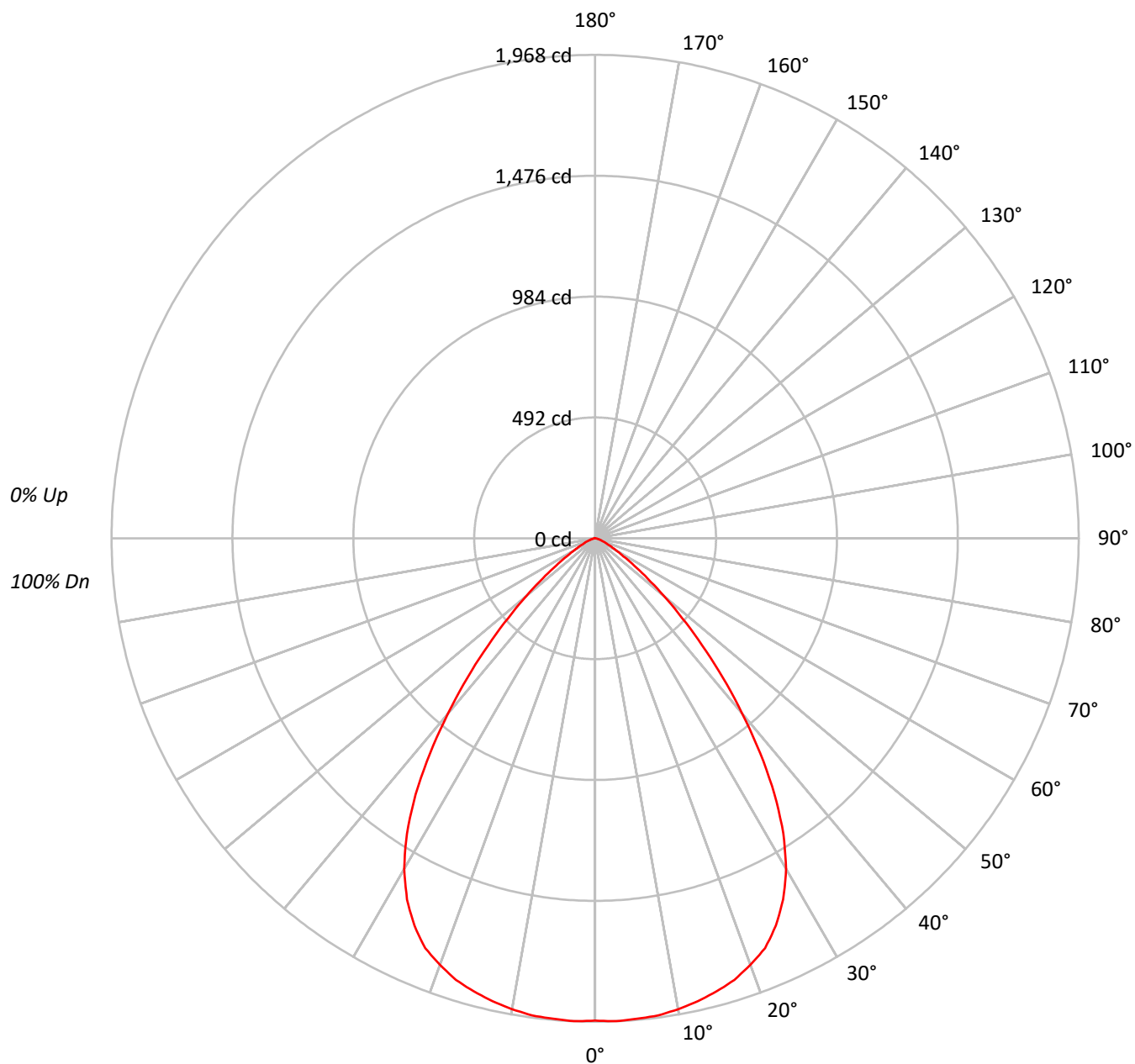
Lumens per Lamp: N/A
Luminaire Lumens: 3046.3 lumens
Efficiency: N/A
Efficacy: 64.8 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.18 / 1.13
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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°	241211
5°	242132
10°	242873
15°	242890
20°	241551
25°	235891
30°	220477
35°	190935
40°	149148
45°	107007
50°	69513
55°	41617
60°	24350
65°	15639
70°	10417
75°	7880
80°	5872
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	187.0	6.1
10°-20°	538.8	17.7
20°-30°	795.0	26.1
30°-40°	784.6	25.8
40°-50°	480.1	15.8
50°-60°	184.1	6.0
60°-70°	57.6	1.9
70°-80°	16.9	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°	1520.8	49.9
0°-40°	2305.4	75.7
0°-60°	2969.6	97.5
0°-90°	3046.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3046.3	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1963	
5°	1963	187
15°	1910	539
25°	1740	795
35°	1273	785
45°	616	480
55°	194	184
65°	54	58
75°	17	17
85°	0	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1963.4
2.5°	1967.6
5°	1963.4
7.5°	1959.3
10°	1946.9
12.5°	1930.4
15°	1909.7
17.5°	1884.9
20°	1847.6
22.5°	1806.4
25°	1740.2
27.5°	1657.5
30°	1554.2
32.5°	1426.2
35°	1273.1
37.5°	1103.6
40°	930.0
42.5°	768.9
45°	615.9
47.5°	479.4
50°	363.7
52.5°	268.8
55°	194.3
57.5°	136.3
60°	99.1
62.5°	74.5
65°	53.8
67.5°	41.4
70°	29.0
72.5°	20.7
75°	16.6
77.5°	8.3
80°	8.3
82.5°	4.1
85°	0.0
87.5°	0.0
90°	0.0



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— 0°-180°







(END OF REPORT)