

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: P858035

Luminaire Tested: **LX4C40D010 EX4C409840 4LBMH**

Issue Date: 2/8/2022



Test Information

Test Method: LM-79-08
Report Number: P858035
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 4LBMH
Description:
Light Source: -
Ballast/Driver: -

Summary

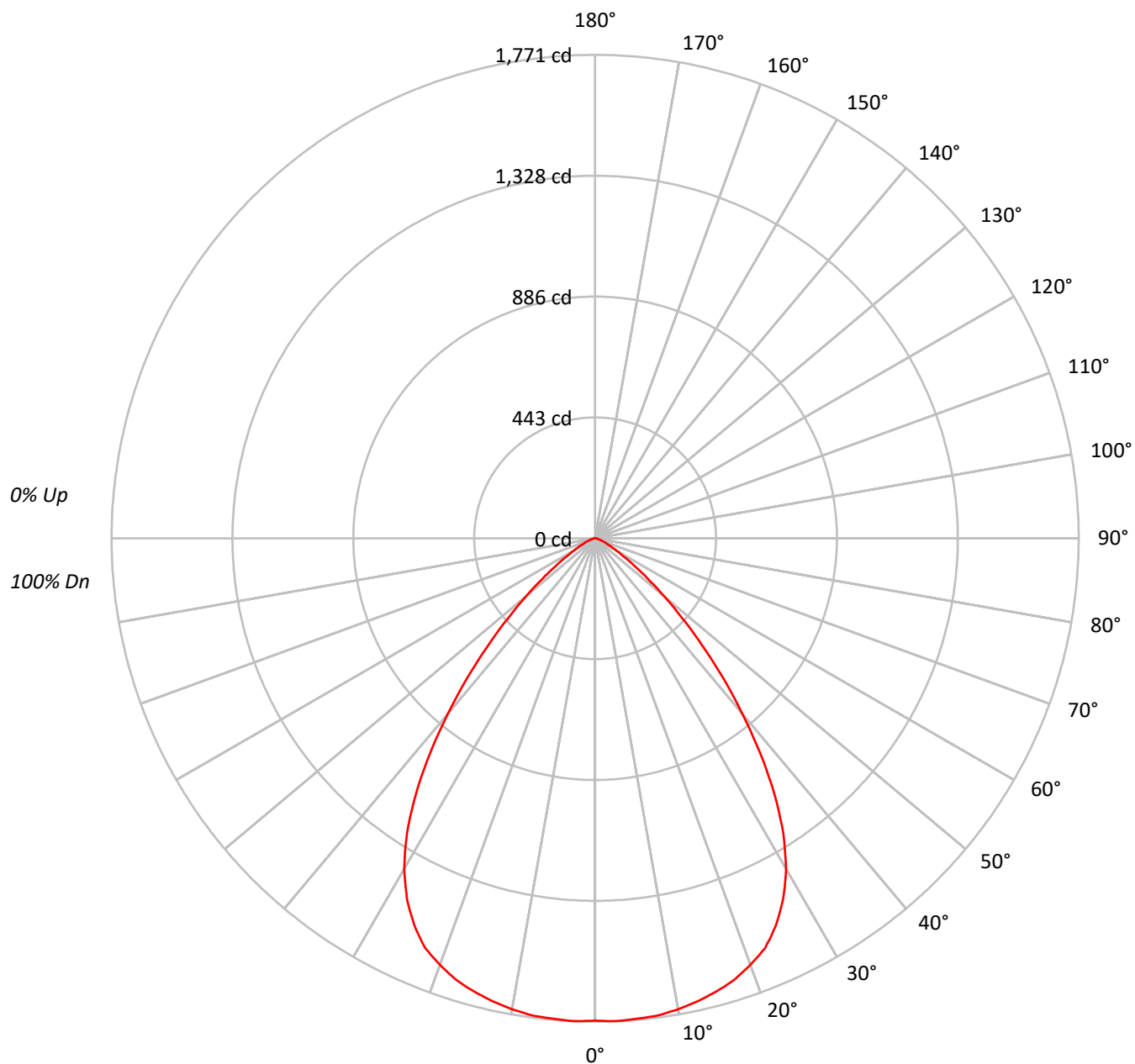
Lumens per Lamp: N/A
Luminaire Lumens: 2741.3 lumens
Efficiency: N/A
Efficacy: 58.3 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.18 / 1.13
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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°	217070
5°	217899
10°	218560
15°	218571
20°	217378
25°	212277
30°	198404
35°	171813
40°	134217
45°	96305
50°	62556
55°	37462
60°	21917
65°	14070
70°	9339
75°	7073
80°	5306
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	168.3	6.1
10°-20°	484.8	17.7
20°-30°	715.4	26.1
30°-40°	706.0	25.8
40°-50°	432.0	15.8
50°-60°	165.6	6.0
60°-70°	51.8	1.9
70°-80°	15.2	0.6
80°-90°	2.0	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°	1368.5	49.9
0°-40°	2074.5	75.7
0°-60°	2672.2	97.5
0°-90°	2741.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2741.3	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1767	
5°	1767	168
15°	1718	485
25°	1566	715
35°	1146	706
45°	554	432
55°	175	166
65°	48	52
75°	15	15
85°	0	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1766.9
2.5°	1770.6
5°	1766.9
7.5°	1763.2
10°	1752.0
12.5°	1737.1
15°	1718.5
17.5°	1696.1
20°	1662.7
22.5°	1625.6
25°	1566.0
27.5°	1491.5
30°	1398.6
32.5°	1283.4
35°	1145.6
37.5°	993.1
40°	836.9
42.5°	691.8
45°	554.3
47.5°	431.4
50°	327.3
52.5°	241.8
55°	174.9
57.5°	122.7
60°	89.2
62.5°	67.1
65°	48.4
67.5°	37.3
70°	26.0
72.5°	18.6
75°	14.9
77.5°	7.5
80°	7.5
82.5°	3.7
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)