

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: P858009

Luminaire Tested: **LX4C40D010 EX4C409830 4LBMH**

Issue Date: 2/8/2022



Test Information

Test Method: LM-79-08
Report Number: P858009
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 4LBMH
Description:
Light Source: -
Ballast/Driver: -

Summary

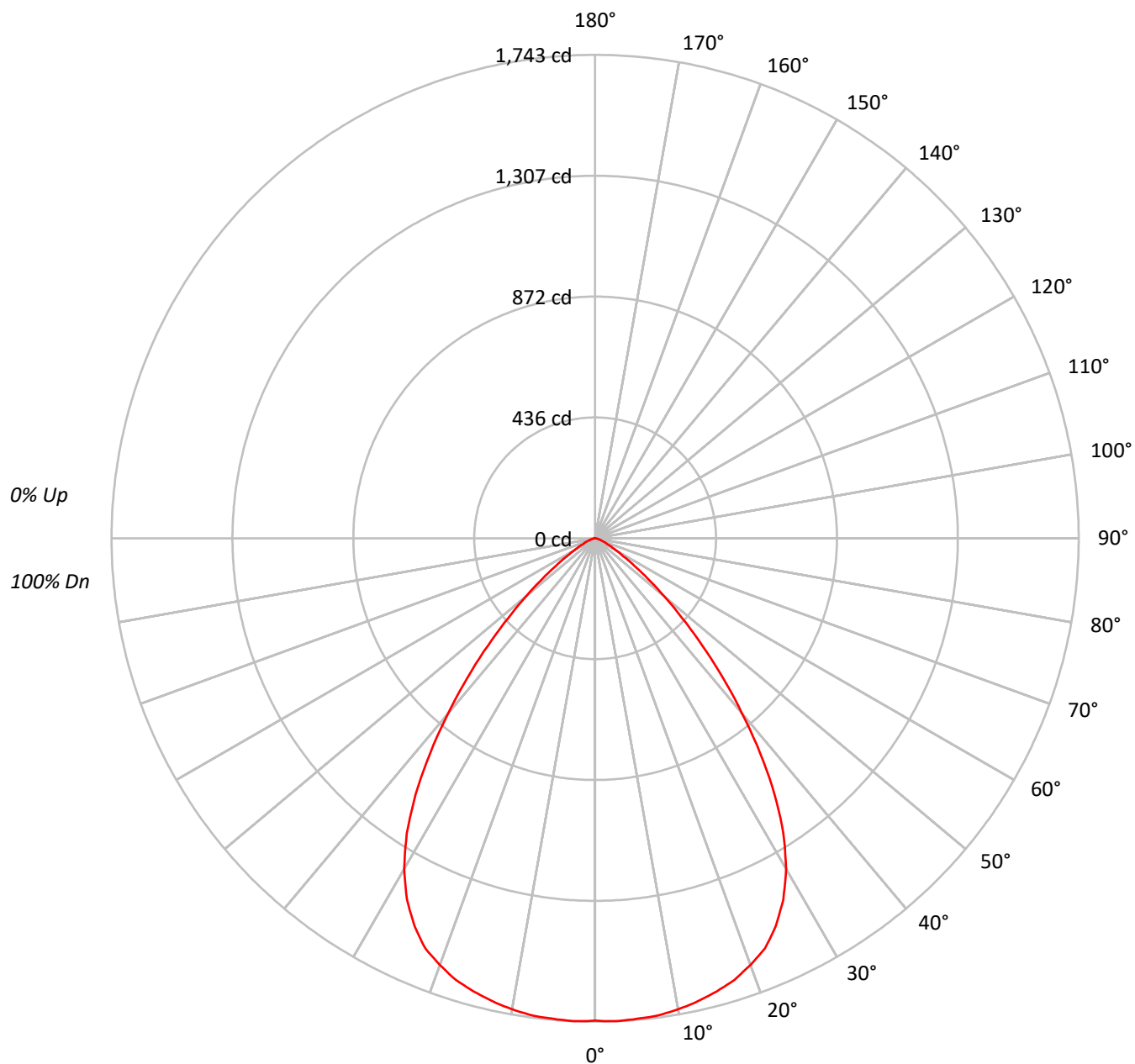
Lumens per Lamp: N/A
Luminaire Lumens: 2698.4 lumens
Efficiency: N/A
Efficacy: 57.4 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.18 / 1.13
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P858009

CATALOG NUMBER: LX4C40D010 EX4C409830 4LBMH

Luminous Intensity Polar Plot





TEST NUMBER: P858009

CATALOG NUMBER: LX4C40D010 EX4C409830 4LBMH

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°	213679
5°	214495
10°	215142
15°	215150
20°	213979
25°	208970
30°	195311
35°	169128
40°	132116
45°	94793
50°	61581
55°	36862
60°	21573
65°	13837
70°	9231
75°	6930
80°	5165
85°	0



TEST NUMBER: P858009

CATALOG NUMBER: LX4C40D010 EX4C409830 4LBMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	165.6	6.1
10°-20°	477.3	17.7
20°-30°	704.3	26.1
30°-40°	695.0	25.8
40°-50°	425.3	15.8
50°-60°	163.0	6.0
60°-70°	51.0	1.9
70°-80°	14.9	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°	1347.2	49.9
0°-40°	2042.1	75.7
0°-60°	2630.5	97.5
0°-90°	2698.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2698.4	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1739	
5°	1739	166
15°	1692	477
25°	1542	704
35°	1128	695
45°	546	425
55°	172	163
65°	48	51
75°	15	15
85°	0	2
90°	0	



TEST NUMBER: P858009

CATALOG NUMBER: LX4C40D010 EX4C409830 4LBMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1739.3
2.5°	1742.9
5°	1739.3
7.5°	1735.6
10°	1724.6
12.5°	1710.0
15°	1691.6
17.5°	1669.6
20°	1636.7
22.5°	1600.1
25°	1541.6
27.5°	1468.3
30°	1376.8
32.5°	1263.3
35°	1127.7
37.5°	977.6
40°	823.8
42.5°	681.0
45°	545.6
47.5°	424.6
50°	322.2
52.5°	238.1
55°	172.1
57.5°	120.7
60°	87.8
62.5°	66.0
65°	47.6
67.5°	36.7
70°	25.7
72.5°	18.4
75°	14.6
77.5°	7.3
80°	7.3
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)