

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: P858003

Luminaire Tested: **LX4C40D010 EX4C409827 4LBWH**

Issue Date: 2/8/2022



Test Information

Test Method: LM-79-08
Report Number: P858003
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 EX4C409827 4LBWH
Description:
Light Source: -
Ballast/Driver: -

Summary

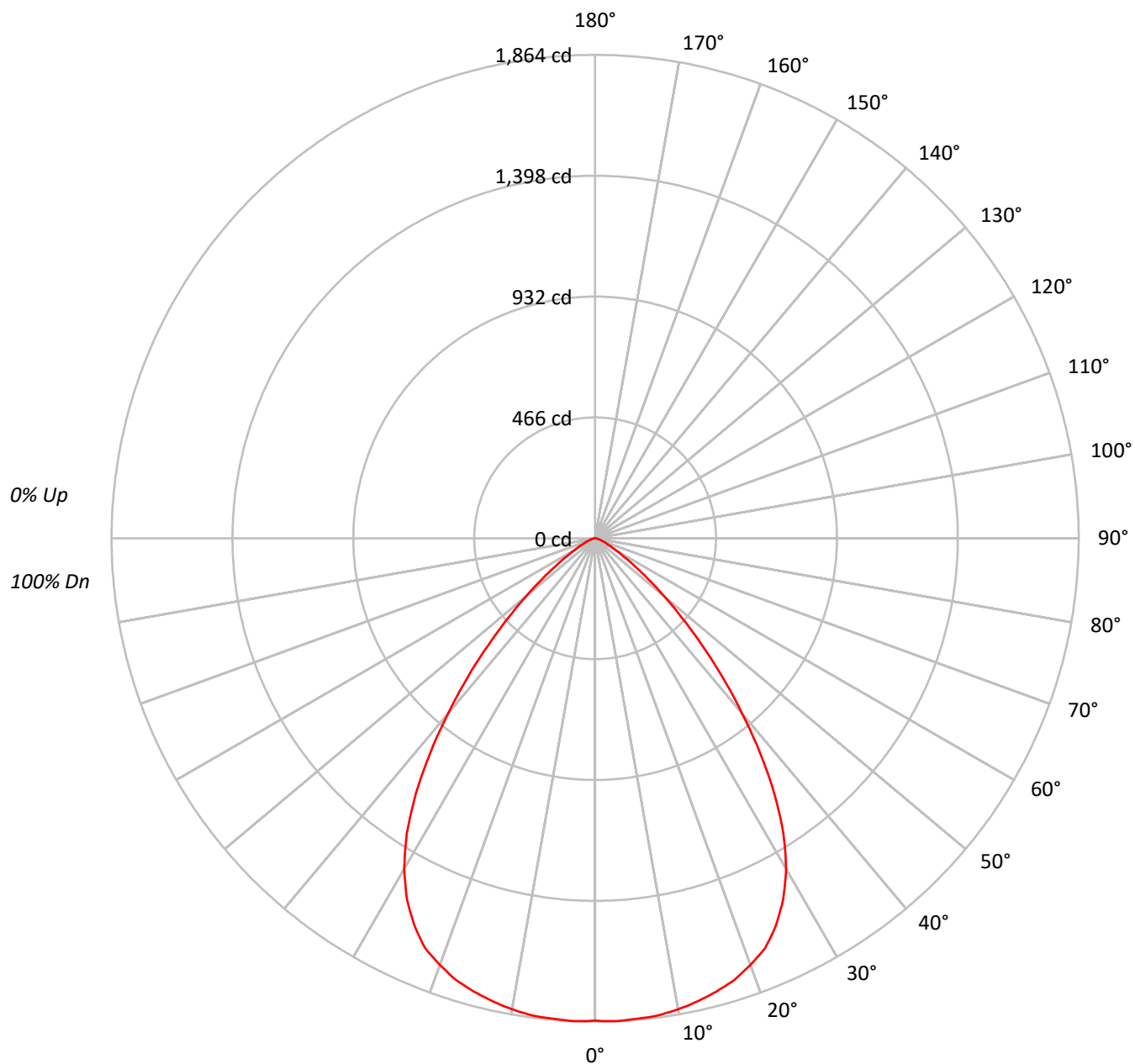
Lumens per Lamp: N/A
Luminaire Lumens: 2885.7 lumens
Efficiency: N/A
Efficacy: 61.4 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.18 / 1.13
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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: P858003

CATALOG NUMBER: LX4C40D010 EX4C409827 4LBWH

Luminous Intensity Polar Plot





TEST NUMBER: P858003

CATALOG NUMBER: LX4C40D010 EX4C409827 4LBWH

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°	228507
5°	229380
10°	230074
15°	230095
20°	228818
25°	223460
30°	208873
35°	180872
40°	141289
45°	101378
50°	65862
55°	39432
60°	23072
65°	14796
70°	9878
75°	7452
80°	5518
85°	0



TEST NUMBER: P858003

CATALOG NUMBER: LX4C40D010 EX4C409827 4LBWH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	177.1	6.1
10°-20°	510.4	17.7
20°-30°	753.1	26.1
30°-40°	743.2	25.8
40°-50°	454.8	15.8
50°-60°	174.4	6.0
60°-70°	54.5	1.9
70°-80°	16.0	0.6
80°-90°	2.1	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°	1440.6	49.9
0°-40°	2183.9	75.7
0°-60°	2813.1	97.5
0°-90°	2885.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2885.7	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1860	
5°	1860	177
15°	1809	510
25°	1648	753
35°	1206	743
45°	584	455
55°	184	174
65°	51	55
75°	16	16
85°	0	2
90°	0	



TEST NUMBER: P858003

CATALOG NUMBER: LX4C40D010 EX4C409827 4LBWH

CANDELA DISTRIBUTION (FULL):

	0°
0°	1860.0
2.5°	1863.9
5°	1860.0
7.5°	1856.1
10°	1844.3
12.5°	1828.6
15°	1809.1
17.5°	1785.5
20°	1750.2
22.5°	1711.3
25°	1648.5
27.5°	1570.1
30°	1472.4
32.5°	1351.0
35°	1206.0
37.5°	1045.5
40°	881.0
42.5°	728.3
45°	583.5
47.5°	454.2
50°	344.6
52.5°	254.6
55°	184.1
57.5°	129.1
60°	93.9
62.5°	70.5
65°	50.9
67.5°	39.2
70°	27.5
72.5°	19.6
75°	15.7
77.5°	7.8
80°	7.8
82.5°	3.9
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)