

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: P857030

Luminaire Tested: **LX4C15D010 EX4C159827 4LBWH**

Issue Date: 2/8/2022



Test Information

Test Method: LM-79-08
Report Number: P857030
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: LX4C15D010 EX4C159827 4LBWH
Description:
Light Source: -
Ballast/Driver: -

Summary

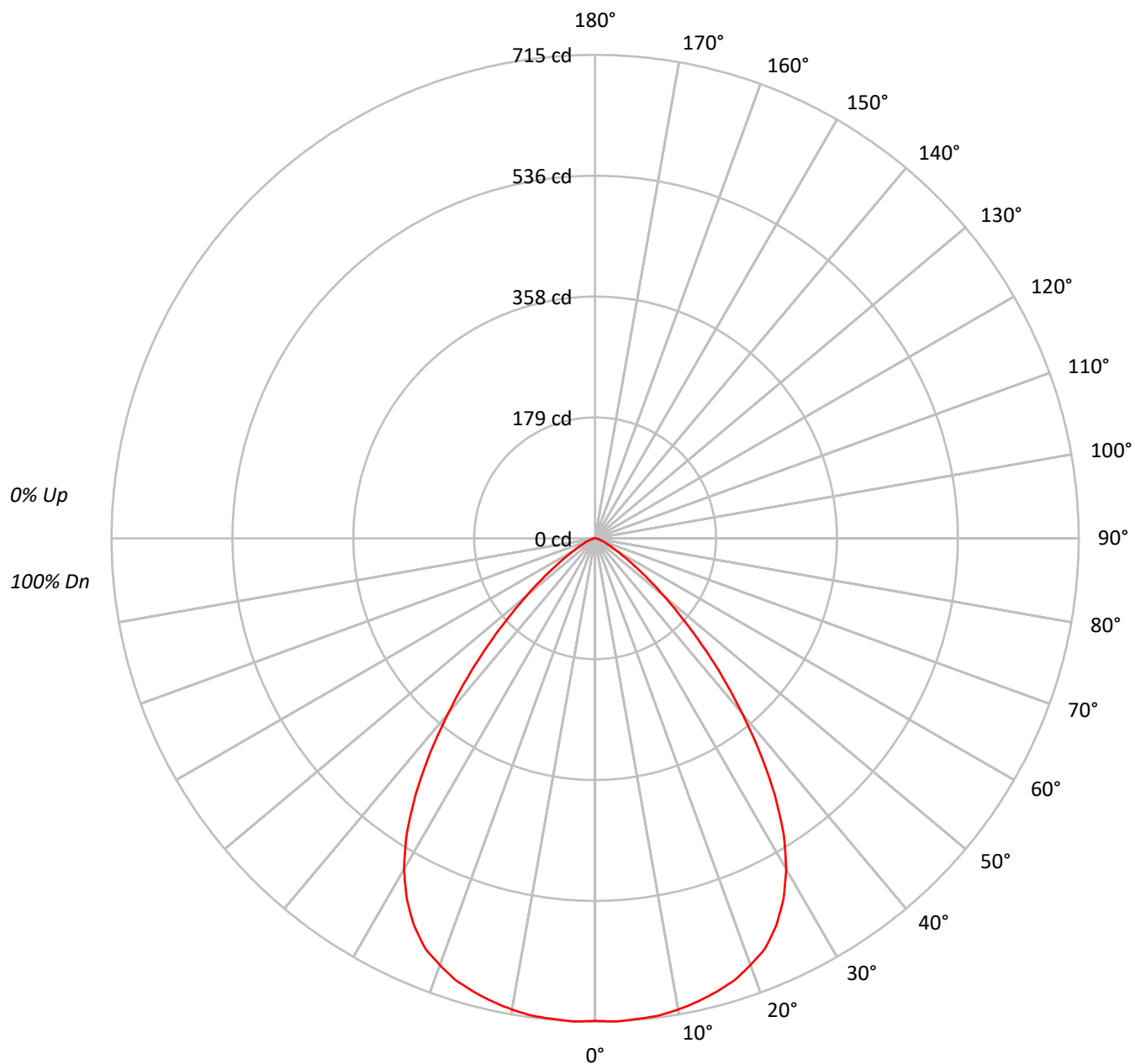
Lumens per Lamp: N/A
Luminaire Lumens: 1107.5 lumens
Efficiency: N/A
Efficacy: 70.1 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.18 / 1.13
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 15.8
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: P857030

CATALOG NUMBER: LX4C15D010 EX4C159827 4LBWH

Luminous Intensity Polar Plot





TEST NUMBER: P857030

CATALOG NUMBER: LX4C15D010 EX4C159827 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°	87693
5°	88028
10°	88310
15°	88306
20°	87817
25°	85765
30°	80165
35°	69409
40°	54222
45°	38901
50°	25267
55°	15122
60°	8845
65°	5669
70°	3772
75°	2848
80°	2122
85°	0



TEST NUMBER: P857030

CATALOG NUMBER: LX4C15D010 EX4C159827 4LBWH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.0	6.1
10°-20°	195.9	17.7
20°-30°	289.1	26.1
30°-40°	285.2	25.8
40°-50°	174.6	15.8
50°-60°	66.9	6.0
60°-70°	20.9	1.9
70°-80°	6.1	0.6
80°-90°	0.8	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°	552.9	49.9
0°-40°	838.2	75.7
0°-60°	1079.6	97.5
0°-90°	1107.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1107.5	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	714	
5°	714	68
15°	694	196
25°	633	289
35°	463	285
45°	224	175
55°	71	67
65°	20	21
75°	6	6
85°	0	1
90°	0	



TEST NUMBER: P857030

CATALOG NUMBER: LX4C15D010 EX4C159827 4LBWH

CANDELA DISTRIBUTION (FULL):

	0°
0°	713.8
2.5°	715.4
5°	713.8
7.5°	712.4
10°	707.9
12.5°	701.8
15°	694.3
17.5°	685.3
20°	671.7
22.5°	656.8
25°	632.7
27.5°	602.6
30°	565.1
32.5°	518.5
35°	462.8
37.5°	401.3
40°	338.1
42.5°	279.6
45°	223.9
47.5°	174.3
50°	132.2
52.5°	97.7
55°	70.6
57.5°	49.6
60°	36.0
62.5°	27.1
65°	19.5
67.5°	15.1
70°	10.5
72.5°	7.5
75°	6.0
77.5°	3.0
80°	3.0
82.5°	1.5
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)