

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: P857066

Luminaire Tested: **LX4C15D010 EX4C159840 4LBSH**

Issue Date: 2/14/2022



Test Information

Test Method: LM-79-08
Report Number: P857066
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P205729)
Test Lab: INNOVATION CENTER
Issue Date: 2/14/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX4C15D010 EX4C159840 4LBSH
Description:
Light Source: -
Ballast/Driver: -

Summary

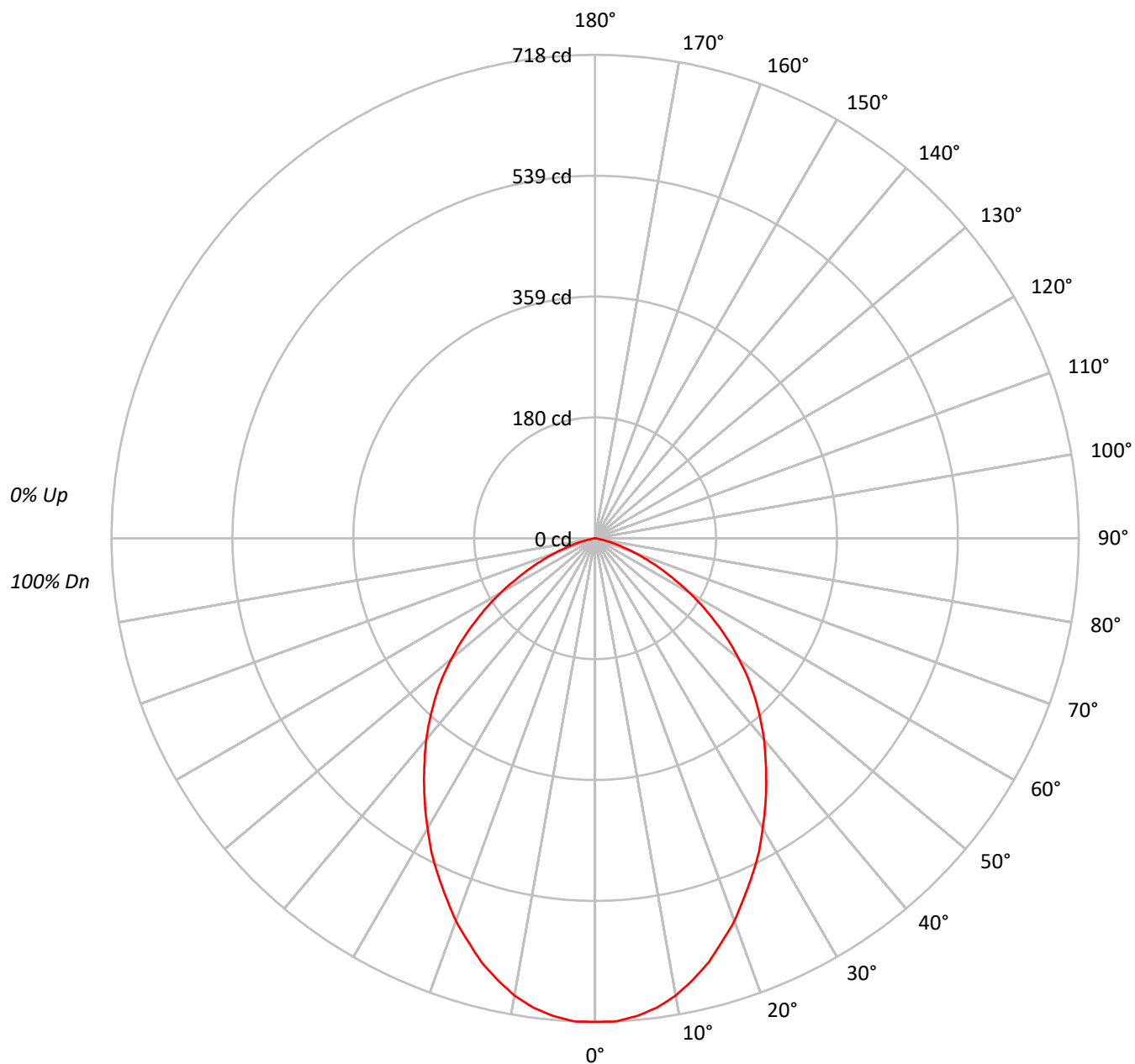
Lumens per Lamp: N/A
Luminaire Lumens: 1373.3 lumens
Efficiency: N/A
Efficacy: 86.9 lumens/watt
Spacing Criteria (0/90/45): 1.06 / 1.06 / 1.17
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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: P857066

CATALOG NUMBER: LX4C15D010 EX4C159840 4LBSH

Luminous Intensity Polar Plot





TEST NUMBER: P857066

CATALOG NUMBER: LX4C15D010 EX4C159840 4LBSH

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	111	107	104	101	108	105	102	99	101	98	96	97	95	93	93	92	90	88		
2	102	96	90	85	100	94	88	84	90	86	82	87	83	80	84	81	79	77		
3	95	85	78	73	92	84	77	72	81	75	71	78	74	70	76	72	69	67		
4	87	77	69	63	85	75	68	63	73	67	62	71	65	61	69	64	60	58		
5	81	69	61	55	79	68	61	55	66	60	55	64	59	54	63	58	53	51		
6	75	63	55	49	73	62	54	49	60	54	49	59	53	48	57	52	48	46		
7	70	58	50	44	68	57	49	44	55	49	44	54	48	43	53	47	43	41		
8	65	53	45	40	64	52	45	40	51	44	39	50	44	39	49	43	39	37		
9	61	49	41	36	60	48	41	36	47	40	36	46	40	36	45	40	35	34		
10	58	45	38	33	56	45	38	33	44	37	33	43	37	33	42	37	33	31		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	88233
5°	87818
10°	86014
15°	82888
20°	79070
25°	74812
30°	70561
35°	66440
40°	62562
45°	58325
50°	53171
55°	46972
60°	39755
65°	31221
70°	22270
75°	12199
80°	2122
85°	0



TEST NUMBER: P857066

CATALOG NUMBER: LX4C15D010 EX4C159840 4LBSH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.3	4.9
10°-20°	182.9	13.3
20°-30°	253.9	18.5
30°-40°	277.1	20.2
40°-50°	258.5	18.8
50°-60°	196.2	14.3
60°-70°	107.4	7.8
70°-80°	29.6	2.2
80°-90°	0.4	0.0
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°	504.1	36.7
0°-40°	781.1	56.9
0°-60°	1235.9	90.0
0°-90°	1373.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1373.3	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	718	
5°	712	67
15°	652	183
25°	552	254
35°	443	277
45°	336	258
55°	219	196
65°	107	107
75°	26	30
85°	0	0
90°	0	



TEST NUMBER: P857066

CATALOG NUMBER: LX4C15D010 EX4C159840 4LBSH

CANDELA DISTRIBUTION (FULL):

	0°
0°	718.2
2.5°	718.2
5°	712.1
7.5°	703.1
10°	689.5
12.5°	671.4
15°	651.7
17.5°	627.5
20°	604.8
22.5°	577.6
25°	551.9
27.5°	526.2
30°	497.4
32.5°	470.2
35°	443.0
37.5°	415.8
40°	390.1
42.5°	362.8
45°	335.7
47.5°	308.5
50°	278.2
52.5°	249.5
55°	219.3
57.5°	190.5
60°	161.8
62.5°	133.0
65°	107.4
67.5°	83.1
70°	62.0
72.5°	42.4
75°	25.7
77.5°	12.1
80°	3.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)