

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: P857649

Luminaire Tested: **LX4C30D010 EX4C309835 4LBSLI**

Issue Date: 2/9/2022



Test Information

Test Method: LM-79-08
Report Number: P857649
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P208407)
Test Lab: INNOVATION CENTER
Issue Date: 2/9/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LX4C30D010 EX4C309835 4LBSLI
Description:
Light Source: -
Ballast/Driver: -

Summary

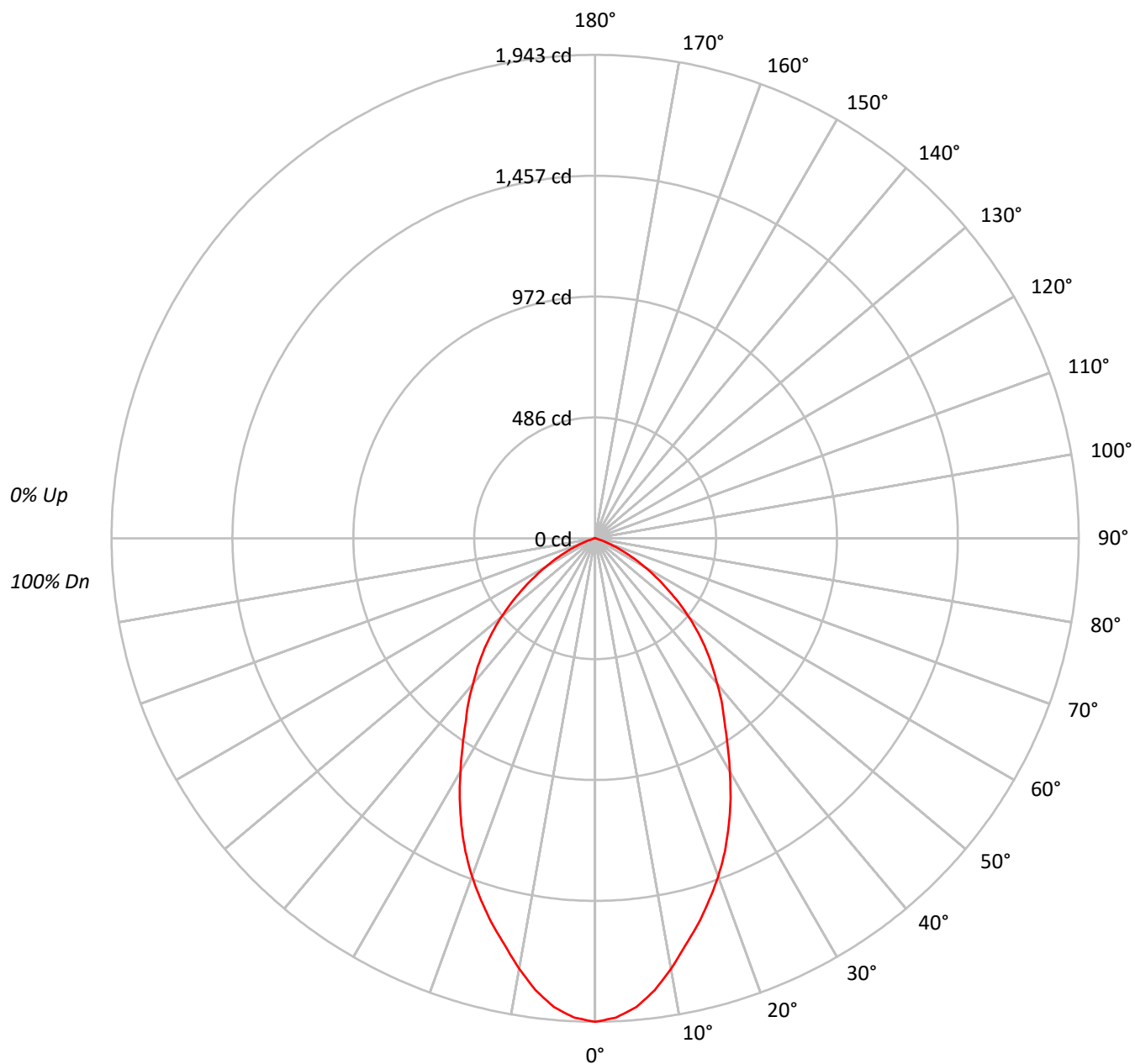
Lumens per Lamp: N/A
Luminaire Lumens: 2721.6 lumens
Efficiency: N/A
Efficacy: 86.1 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 1
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 31.6
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: P857649

CATALOG NUMBER: LX4C30D010 EX4C309835 4LBSLI

Luminous Intensity Polar Plot





TEST NUMBER: P857649

CATALOG NUMBER: LX4C30D010 EX4C309835 4LBSLI

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	108	105	102	109	106	103	101	102	100	98		98	96	95		95
2	104	98	93	88	102	96	91	87	93	89	85		90	86	84		87
3	97	89	82	77	95	87	81	77	84	79	75		82	78	74		79
4	90	81	73	68	88	79	73	68	77	71	67		75	70	66		73
5	84	73	66	61	82	72	65	60	70	64	60		69	63	59		67
6	79	67	60	54	77	66	59	54	65	58	54		63	58	53		62
7	74	62	54	49	72	61	54	49	60	53	49		58	53	48		57
8	69	57	50	45	68	57	50	45	55	49	45		54	49	44		53
9	65	53	46	41	64	53	46	41	52	45	41		51	45	41		50
10	61	50	43	38	60	49	42	38	48	42	38		47	42	38		46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	238741
5°	233339
10°	219121
15°	203856
20°	189073
25°	172343
30°	153449
35°	135999
40°	122253
45°	109405
50°	93862
55°	75501
60°	56267
65°	35930
70°	17313
75°	2895
80°	2122
85°	0



TEST NUMBER: P857649

CATALOG NUMBER: LX4C30D010 EX4C309835 4LBSLI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	176.2	6.5
10°-20°	449.4	16.5
20°-30°	582.3	21.4
30°-40°	570.6	21.0
40°-50°	483.6	17.8
50°-60°	317.1	11.6
60°-70°	127.4	4.7
70°-80°	14.6	0.5
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°	1207.9	44.4
0°-40°	1778.5	65.3
0°-60°	2579.2	94.8
0°-90°	2721.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2721.6	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1943	
5°	1892	176
15°	1603	449
25°	1271	582
35°	907	571
45°	630	484
55°	352	317
65°	124	127
75°	6	15
85°	0	0
90°	0	



TEST NUMBER: P857649

CATALOG NUMBER: LX4C30D010 EX4C309835 4LBSLI

CANDELA DISTRIBUTION (FULL):

	0°
0°	1943.3
2.5°	1928.2
5°	1892.1
7.5°	1831.8
10°	1756.5
12.5°	1675.1
15°	1602.8
17.5°	1524.5
20°	1446.2
22.5°	1361.9
25°	1271.4
27.5°	1178.0
30°	1081.7
32.5°	991.3
35°	906.8
37.5°	837.6
40°	762.3
42.5°	696.0
45°	629.7
47.5°	560.4
50°	491.1
52.5°	421.8
55°	352.5
57.5°	289.3
60°	229.0
62.5°	174.7
65°	123.6
67.5°	81.3
70°	48.2
72.5°	21.0
75°	6.1
77.5°	3.0
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)