

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: P857688

Luminaire Tested: **LX4C30D010 EX4C309030 4LBSLI**

Issue Date: 2/9/2022



Test Information

Test Method: LM-79-08
Report Number: P857688
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 EX4C309030 4LBSLI
Description: 4 INCH 3000 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 3000K, 90CRI LEDS
AND 4LBS TRIM WITH LI FINISH, DIM TO WARM
Light Source: -
Ballast/Driver: -

Summary

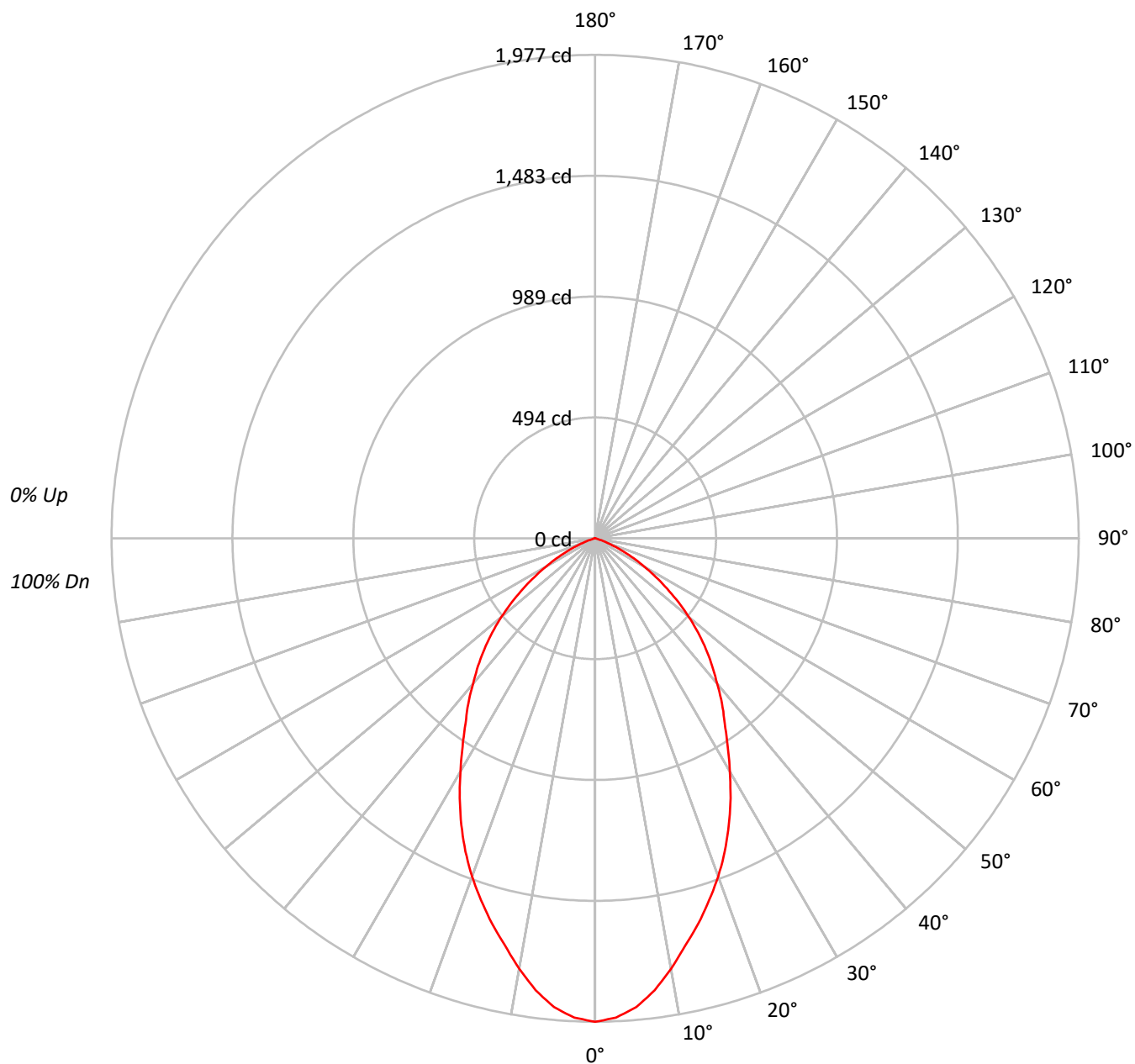
Lumens per Lamp: N/A
Luminaire Lumens: 2769.2 lumens
Efficiency: N/A
Efficacy: 79.1 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 1
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 35
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

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Luminous Intensity Polar Plot





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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°	242918
5°	237421
10°	222951
15°	207430
20°	192368
25°	175366
30°	156130
35°	138398
40°	124386
45°	111316
50°	95506
55°	76829
60°	57225
65°	36540
70°	17601
75°	2943
80°	2122
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	179.3	6.5
10°-20°	457.3	16.5
20°-30°	592.5	21.4
30°-40°	580.6	21.0
40°-50°	492.1	17.8
50°-60°	322.6	11.6
60°-70°	129.6	4.7
70°-80°	14.8	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°	1229.1	44.4
0°-40°	1809.7	65.4
0°-60°	2624.3	94.8
0°-90°	2769.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2769.2	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1977	
5°	1925	179
15°	1631	457
25°	1294	593
35°	923	581
45°	641	492
55°	359	323
65°	126	130
75°	6	15
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1977.3
2.5°	1962.0
5°	1925.2
7.5°	1863.8
10°	1787.2
12.5°	1704.5
15°	1630.9
17.5°	1551.2
20°	1471.4
22.5°	1385.7
25°	1293.7
27.5°	1198.6
30°	1100.6
32.5°	1008.6
35°	922.8
37.5°	852.3
40°	775.6
42.5°	708.1
45°	640.7
47.5°	570.2
50°	499.7
52.5°	429.2
55°	358.7
57.5°	294.3
60°	232.9
62.5°	177.7
65°	125.7
67.5°	82.8
70°	49.0
72.5°	21.4
75°	6.2
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)