

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: P857696

Luminaire Tested: **LX4C30D010 EX4C309030 4LBMH**

Issue Date: 2/8/2022



Test Information

Test Method: LM-79-08
Report Number: P857696
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: LX4C30D010 EX4C309030 4LBMH
Description: 4 INCH 3000 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 3000K, 90CRI LEDS
AND 4LBM TRIM WITH H FINISH, DIM TO WARM
Light Source: -
Ballast/Driver:

Summary

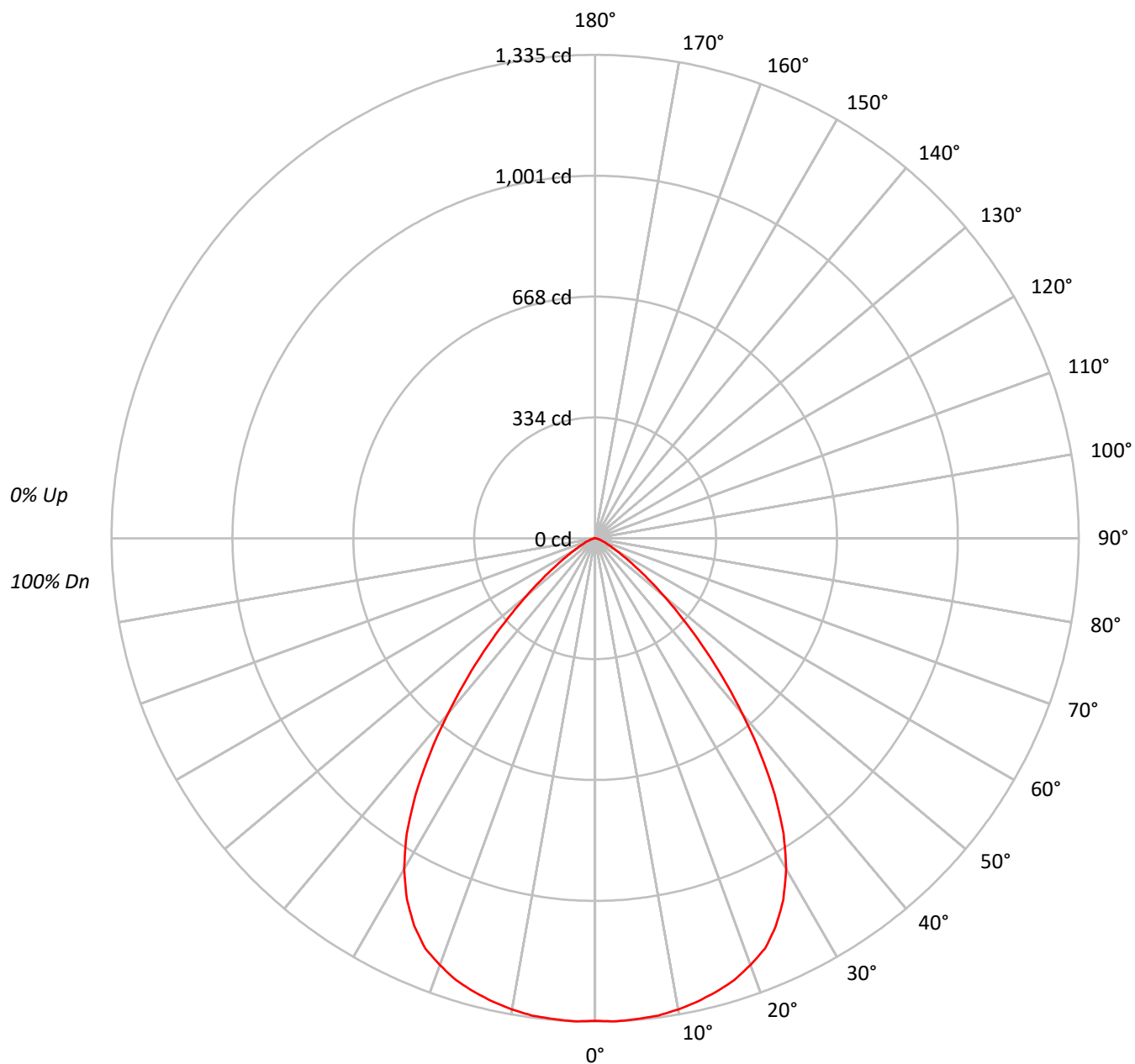
Lumens per Lamp: N/A
Luminaire Lumens: 2067.2 lumens
Efficiency: N/A
Efficacy: 59.1 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.18 / 1.13
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 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

TEST NUMBER: P857696

CATALOG NUMBER: LX4C30D010 EX4C309030 4LBMH

Luminous Intensity Polar Plot





TEST NUMBER: P857696

CATALOG NUMBER: LX4C30D010 EX4C309030 4LBMH

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°	163690
5°	164315
10°	164818
15°	164822
20°	163919
25°	160075
30°	149619
35°	129565
40°	101212
45°	72641
50°	47189
55°	28230
60°	16512
65°	10610
70°	7040
75°	5316
80°	3962
85°	0



TEST NUMBER: P857696

CATALOG NUMBER: LX4C30D010 EX4C309030 4LBMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	126.9	6.1
10°-20°	365.6	17.7
20°-30°	539.5	26.1
30°-40°	532.4	25.8
40°-50°	325.8	15.8
50°-60°	124.9	6.0
60°-70°	39.1	1.9
70°-80°	11.4	0.6
80°-90°	1.5	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°	1032.0	49.9
0°-40°	1564.5	75.7
0°-60°	2015.2	97.5
0°-90°	2067.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2067.2	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1332	
5°	1332	127
15°	1296	366
25°	1181	540
35°	864	532
45°	418	326
55°	132	125
65°	36	39
75°	11	11
85°	0	2
90°	0	



TEST NUMBER: P857696

CATALOG NUMBER: LX4C30D010 EX4C309030 4LBMH

CANDELA DISTRIBUTION (FULL):

	0°
0°	1332.4
2.5°	1335.3
5°	1332.4
7.5°	1329.6
10°	1321.2
12.5°	1310.0
15°	1295.9
17.5°	1279.1
20°	1253.8
22.5°	1225.9
25°	1180.9
27.5°	1124.7
30°	1054.7
32.5°	967.9
35°	863.9
37.5°	749.0
40°	631.1
42.5°	521.7
45°	418.1
47.5°	325.3
50°	246.9
52.5°	182.4
55°	131.8
57.5°	92.6
60°	67.2
62.5°	50.6
65°	36.5
67.5°	28.1
70°	19.6
72.5°	14.0
75°	11.2
77.5°	5.6
80°	5.6
82.5°	2.8
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)