

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: P857690

Luminaire Tested: **LX4C30D010 EX4C309030 4LBWH**

Issue Date: 2/8/2022



Test Information

Test Method: LM-79-08
Report Number: P857690
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 4LBWH
Description: 4 INCH 3000 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 3000K, 90CRI LEDS
AND 4LBW TRIM WITH H FINISH, DIM TO WARM
Light Source: -
Ballast/Driver:

Summary

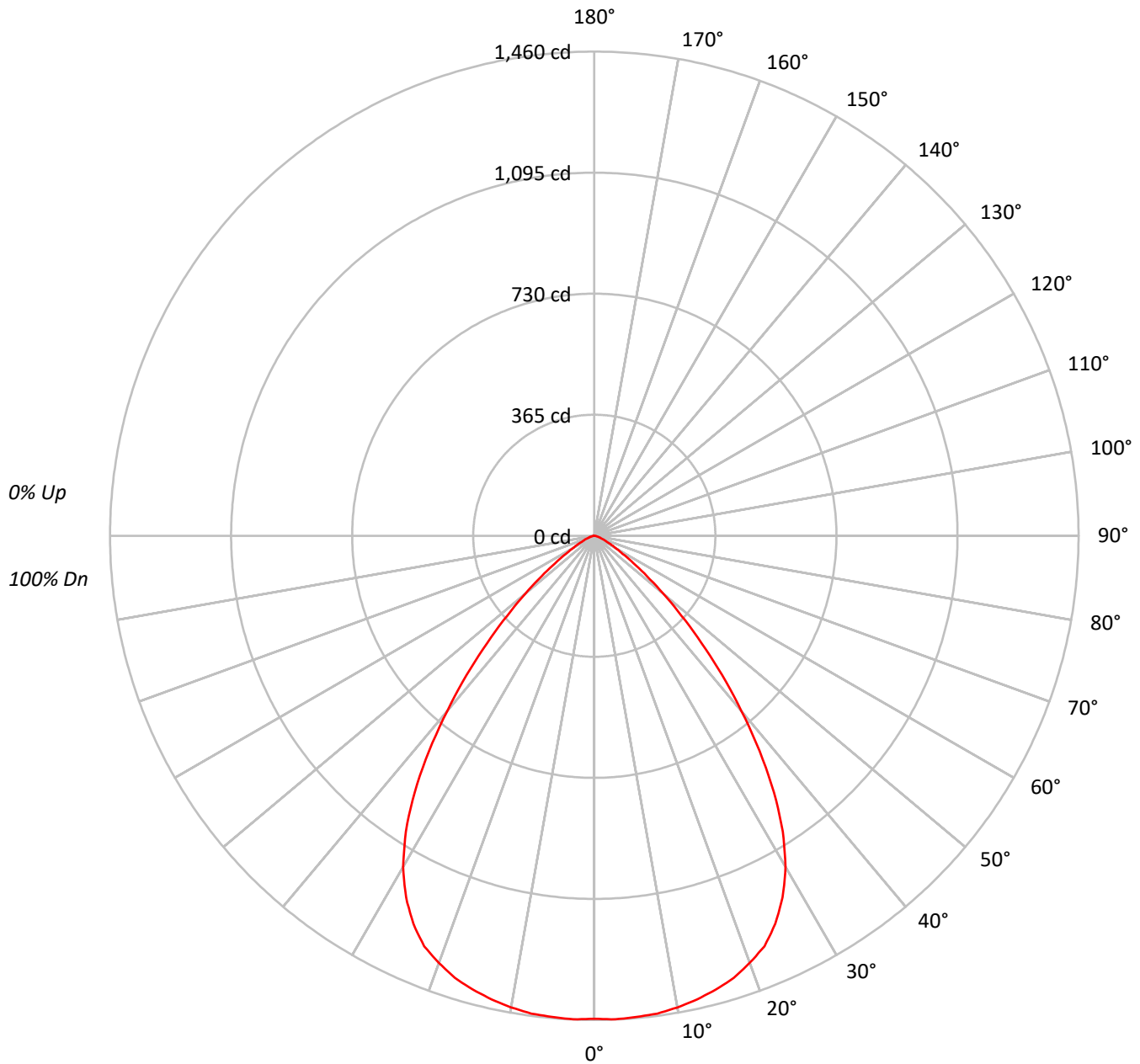
Lumens per Lamp: N/A
Luminaire Lumens: 2259.5 lumens
Efficiency: N/A
Efficacy: 64.6 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.18 / 1.13
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

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

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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	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°	178924
5°	179607
10°	180150
15°	180161
20°	179163
25°	174986
30°	163549
35°	141623
40°	110626
45°	79382
50°	51566
55°	30865
60°	18059
65°	11599
70°	7723
75°	5791
80°	4386
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	138.7	6.1
10°-20°	399.6	17.7
20°-30°	589.7	26.1
30°-40°	581.9	25.8
40°-50°	356.1	15.8
50°-60°	136.5	6.0
60°-70°	42.7	1.9
70°-80°	12.5	0.6
80°-90°	1.7	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°	1128.0	49.9
0°-40°	1710.0	75.7
0°-60°	2202.7	97.5
0°-90°	2259.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2259.5	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1456	
5°	1456	139
15°	1416	400
25°	1291	590
35°	944	582
45°	457	356
55°	144	137
65°	40	43
75°	12	13
85°	0	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1456.4
2.5°	1459.5
5°	1456.4
7.5°	1453.3
10°	1444.1
12.5°	1431.9
15°	1416.5
17.5°	1398.1
20°	1370.4
22.5°	1339.9
25°	1290.9
27.5°	1229.4
30°	1152.9
32.5°	1057.8
35°	944.3
37.5°	818.6
40°	689.8
42.5°	570.3
45°	456.9
47.5°	355.6
50°	269.8
52.5°	199.4
55°	144.1
57.5°	101.1
60°	73.5
62.5°	55.2
65°	39.9
67.5°	30.7
70°	21.5
72.5°	15.4
75°	12.2
77.5°	6.2
80°	6.2
82.5°	3.0
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)