

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: P857515

Luminaire Tested: **LX4C30D010 EX4C309027 4LBMH**

Issue Date: 2/8/2022



Test Information

Test Method: LM-79-08
Report Number: P857515
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 EX4C309027 4LBMH
Description: 4 INCH 3000 LUMEN PORTFOLIO LED DOWNLIGHT WITH, 2700K, 90CRI LEDS
AND 4LBM TRIM WITH H FINISH
Light Source: -
Ballast/Driver:

Summary

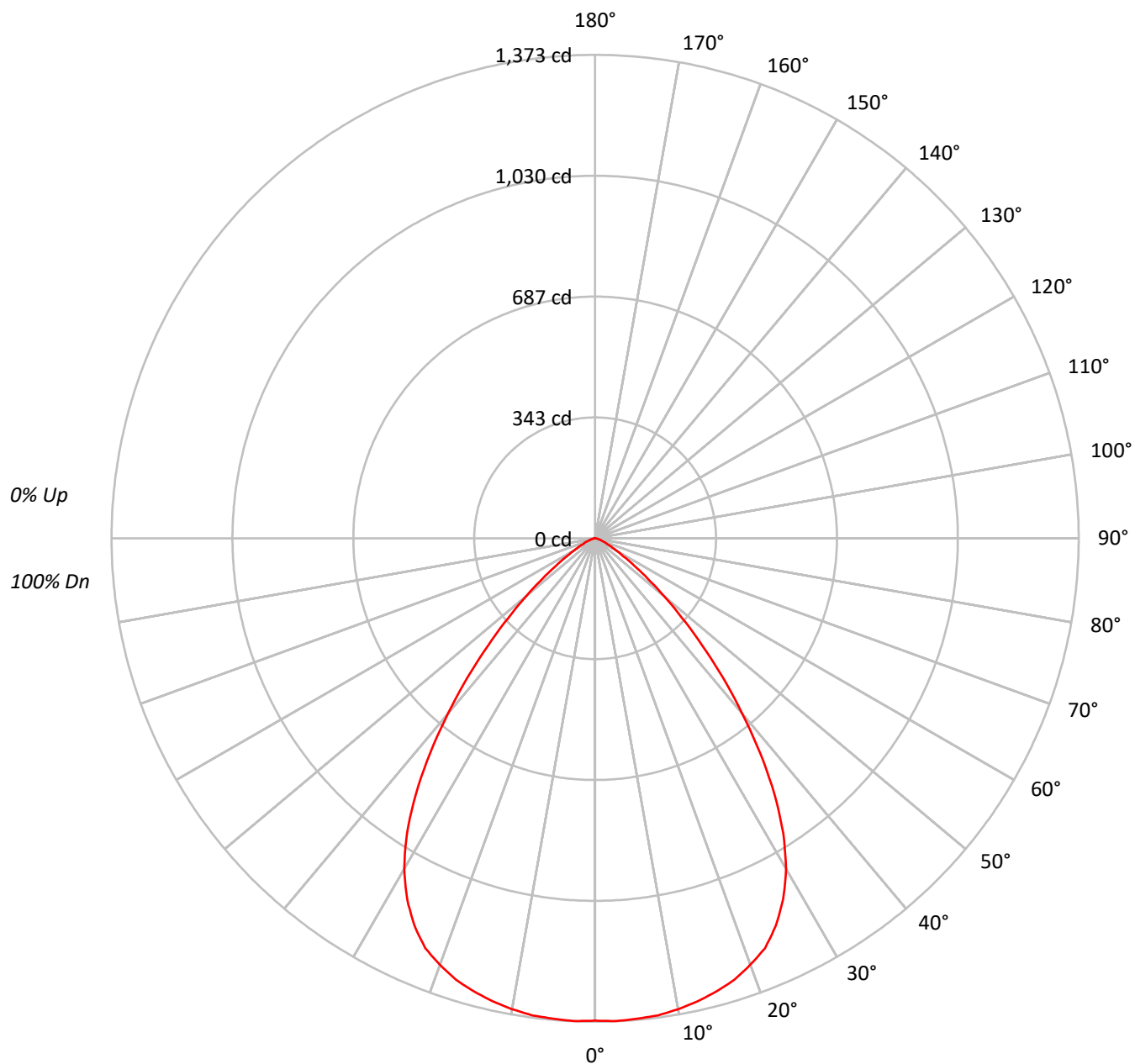
Lumens per Lamp: N/A
Luminaire Lumens: 2125.0 lumens
Efficiency: N/A
Efficacy: 67.2 lumens/watt
Spacing Criteria (0/90/45): 1.18 / 1.18 / 1.13
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 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

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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°	168272
5°	168915
10°	169421
15°	169439
20°	168508
25°	164562
30°	153803
35°	133194
40°	104051
45°	74657
50°	48489
55°	29023
60°	16978
65°	10901
70°	7256
75°	5459
80°	4103
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	130.4	6.1
10°-20°	375.8	17.7
20°-30°	554.6	26.1
30°-40°	547.3	25.8
40°-50°	334.9	15.8
50°-60°	128.4	6.0
60°-70°	40.2	1.9
70°-80°	11.8	0.6
80°-90°	1.6	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°	1060.9	49.9
0°-40°	1608.2	75.7
0°-60°	2071.5	97.5
0°-90°	2125.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2125.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1370	
5°	1370	130
15°	1332	376
25°	1214	555
35°	888	547
45°	430	335
55°	136	128
65°	38	40
75°	12	12
85°	0	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1369.7
2.5°	1372.6
5°	1369.7
7.5°	1366.8
10°	1358.1
12.5°	1346.6
15°	1332.2
17.5°	1314.8
20°	1288.9
22.5°	1260.1
25°	1214.0
27.5°	1156.2
30°	1084.2
32.5°	994.9
35°	888.1
37.5°	769.9
40°	648.8
42.5°	536.3
45°	429.7
47.5°	334.4
50°	253.7
52.5°	187.5
55°	135.5
57.5°	95.1
60°	69.1
62.5°	52.0
65°	37.5
67.5°	28.9
70°	20.2
72.5°	14.4
75°	11.5
77.5°	5.8
80°	5.8
82.5°	2.9
85°	0.0
87.5°	0.0
90°	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180°







(END OF REPORT)