

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: FAIL-SAFE

Report Number: P488483

Luminaire Tested: **CLM-12-2-INS-P12125-LD4-1STD-20-120-EDD**

Issue Date: 3/11/2021

This test was performed under the Supervised Manufacturer's Testing Program. The results of this test have not been influenced by sources from within Cooper Lighting Solutions or from external interests.



Test Information

Test Method: LM-79-08
Report Number: P488483
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P387254)
Test Lab: INNOVATION CENTER
Issue Date: 3/11/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: CLM-12-2-INS-P12125-LD4-1STD-20-120-EDD
Description: 1X2 CLM LED LUMINAIRE WITH P12125 LENS
Light Source: -
Ballast/Driver: -

Luminaire Equipment: Sample No. Condition Description

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1027.3 lumens
Efficiency: N/A
Efficacy: 61.9 lumens/watt
Spacing Criteria (0/90/45): 1.01 / 1.04 / 1.24
Luminous Opening: Rectangular (W 1' x L: 2' x H: 0')
CIE Type: Direct

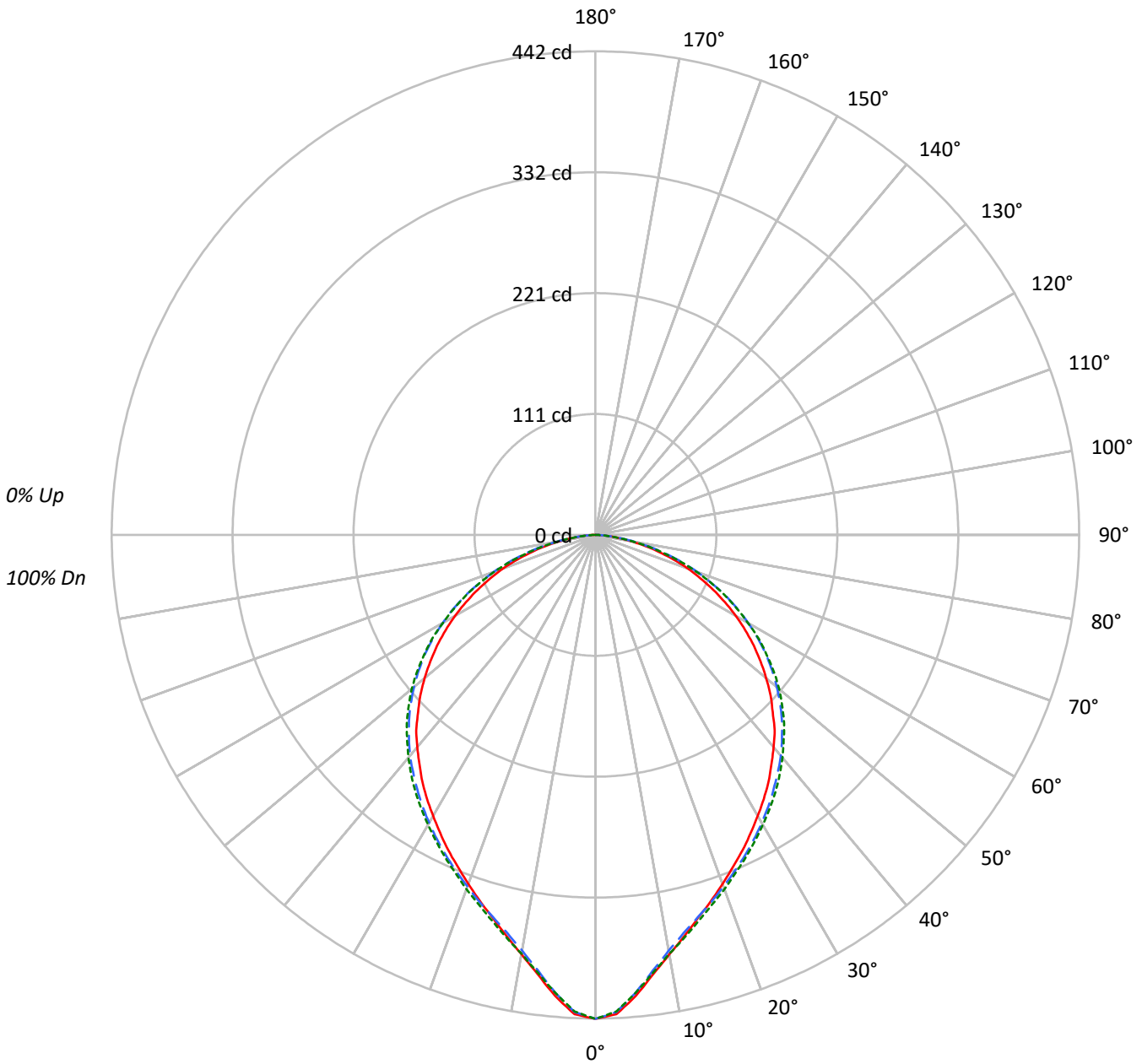
Input Watts (W): 16.6
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Luminous Intensity Polar Plot



0% Up
 100% Dn

— 0°-180° - - - 45°-225° - - - 90°-270°



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.1	3.8
10°-20°	102.4	10.0
20°-30°	148.9	14.5
30°-40°	177.1	17.2
40°-50°	183.9	17.9
50°-60°	166.6	16.2
60°-70°	125.7	12.2
70°-80°	68.5	6.7
80°-90°	15.1	1.5
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°	290.3	28.3
0°-40°	467.4	45.5
0°-60°	818.0	79.6
0°-90°	1027.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1027.3	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	442	442	442	442	442	
5°	423	422	420	420	420	39
15°	362	361	362	364	365	102
25°	318	321	323	326	325	147
35°	276	279	284	288	287	172
45°	229	233	241	244	244	177
55°	177	181	190	192	191	158
65°	119	122	131	131	130	118
75°	60	62	66	67	66	64
85°	11	12	12	12	11	14
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	<i>442.3</i>	<i>442.3</i>	<i>442.3</i>	<i>442.3</i>	<i>442.3</i>
2.5°	<i>438.4</i>	438.0	436.5	436.0	435.9
5°	<i>423.0</i>	422.0	420.1	419.8	420.1
7.5°	<i>404.7</i>	403.6	401.6	402.4	403.4
10°	<i>389.2</i>	386.5	385.7	386.8	388.7
12.5°	<i>375.4</i>	373.2	372.5	375.4	376.7
15°	<i>362.3</i>	361.4	361.6	364.0	365.1
17.5°	<i>350.9</i>	350.3	351.8	353.6	354.2
20°	<i>339.5</i>	340.6	341.9	343.9	344.6
22.5°	<i>328.3</i>	330.4	332.6	335.3	334.4
25°	<i>318.1</i>	320.7	323.2	325.9	325.1
27.5°	<i>307.1</i>	310.2	313.7	316.6	315.5
30°	<i>296.6</i>	300.5	303.9	307.4	305.8
32.5°	<i>286.2</i>	289.9	294.0	298.3	296.4
35°	<i>275.7</i>	279.0	283.8	288.1	286.7
37.5°	<i>264.1</i>	268.2	273.6	277.4	276.4
40°	<i>253.3</i>	257.1	263.6	266.0	265.8
42.5°	<i>242.4</i>	245.5	252.3	255.1	254.6
45°	<i>229.0</i>	233.1	240.9	243.6	243.8
47.5°	<i>217.2</i>	220.6	229.0	231.1	231.5
50°	<i>203.6</i>	207.9	216.3	218.8	219.1
52.5°	<i>190.2</i>	194.8	203.5	205.2	205.6
55°	<i>176.6</i>	180.8	190.2	191.5	191.0
57.5°	<i>162.3</i>	167.4	176.0	176.7	177.3
60°	<i>148.4</i>	152.8	161.2	162.1	160.9
62.5°	<i>133.3</i>	137.8	146.4	146.6	145.7
65°	<i>118.9</i>	122.3	131.1	130.8	130.2
67.5°	<i>103.9</i>	108.1	114.5	114.7	114.2
70°	<i>89.8</i>	92.7	98.9	99.0	97.7
72.5°	<i>74.7</i>	77.8	82.8	82.1	81.8
75°	<i>60.0</i>	62.4	66.3	66.8	65.6
77.5°	<i>46.5</i>	48.3	51.2	50.8	49.6
80°	<i>32.7</i>	34.1	36.3	35.8	34.5
82.5°	<i>20.9</i>	21.8	23.1	22.5	22.0
85°	<i>11.4</i>	11.5	11.6	11.5	11.2
87.5°	<i>4.2</i>	4.3	4.3	4.2	3.9
90°	<i>0.0</i>	0.0	0.0	0.0	0.0

(END OF REPORT)