

Scaled data based on original data using

LM-41-14 Approved Method for Photometric Testing Of Indoor Fluorescent Luminaires

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: PORTFOLIO

Report Number: P429850

Luminaire Tested: **LAM4B112R309040DE010x1MB**

Issue Date: 11/23/2020

Test Information

Test Method: LM-41-14
Report Number: P429850
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2007-857-8)
Test Lab: INNOVATION CENTER (G1)
Issue Date: 11/23/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LAM4B112R309040DE010x1MB
Description: PORTFOLIO 4INCH ADJUSTABLE MULTIPLE, 30 DEG TIR OPTIC
Light Source: HIGH LUMEN LED 90CRI / 4000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

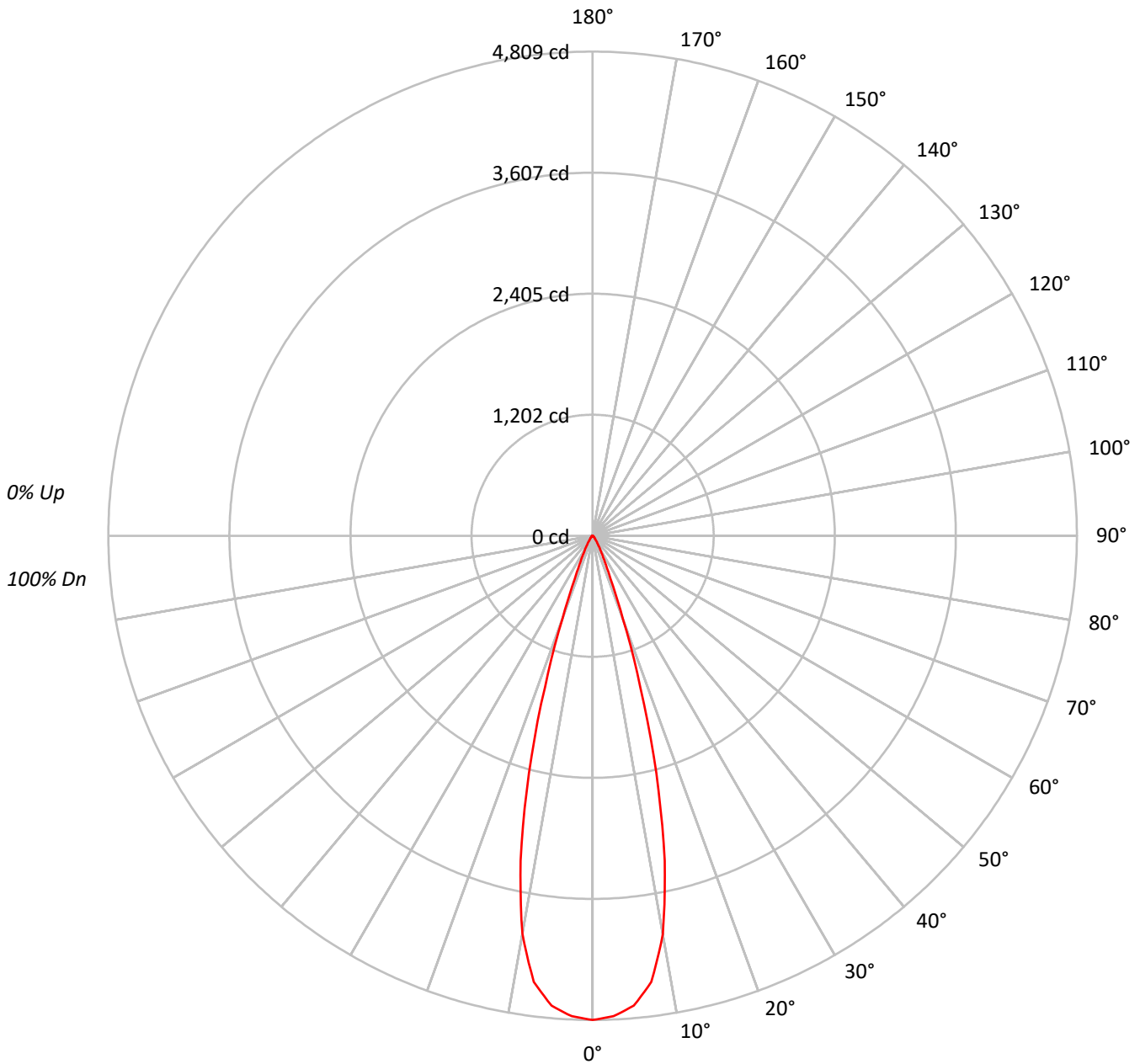
Lumens per Lamp: N/A
Luminaire Lumens: 1309.5 lumens
Efficiency: N/A
Efficacy: 91.6 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.46
Luminous Opening: Circular (Dia: 0.17' x H: 0')
CIE Type: Direct

Input Watts (W): 14.3
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



TEST NUMBER: P429850
CATALOG NUMBER: LAM4B112R309040DE010x1MB

Luminous Intensity Polar Plot





TEST NUMBER: P429850

CATALOG NUMBER: LAM4B112R309040DE010x1MB

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	427.1	32.6
10°-20°	644.8	49.2
20°-30°	157.2	12.0
30°-40°	43.0	3.3
40°-50°	17.3	1.3
50°-60°	9.3	0.7
60°-70°	5.6	0.4
70°-80°	4.3	0.3
80°-90°	1.0	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°	1229.0	93.9
0°-40°	1272.1	97.1
0°-60°	1298.7	99.2
0°-90°	1309.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1309.5	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4809	
5°	4686	427
15°	2442	645
25°	281	157
35°	62	43
45°	21	17
55°	10	9
65°	5	6
75°	4	4
85°	1	1
90°	0	



TEST NUMBER: P429850

CATALOG NUMBER: LAM4B112R309040DE010x1MB

CANDELA DISTRIBUTION (FULL):

0°	
0°	4808.8
2.5°	4776.6
5°	4685.9
7.5°	4469.8
10°	4016.5
12.5°	3306.1
15°	2441.7
17.5°	1573.6
20°	870.6
22.5°	464.5
25°	280.7
27.5°	190.0
30°	131.6
32.5°	89.4
35°	62.1
37.5°	46.0
40°	36.0
42.5°	27.3
45°	21.1
47.5°	17.4
50°	13.7
52.5°	12.4
55°	9.9
57.5°	8.7
60°	7.5
62.5°	6.2
65°	5.0
67.5°	5.0
70°	5.0
72.5°	5.0
75°	3.7
77.5°	3.7
80°	2.5
82.5°	1.2
85°	1.2
87.5°	0.0
90°	0.0



Report Generated By E9808895 / USPTCWHP6082093





— 0°-180°







(END OF REPORT)