

Scaled data based on original data using
LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: PrentaLux

Report Number: P1503904

Luminaire Tested: PRLX-SM4-03-LS-FS-D2W-XXXX-WHTE-XX-ND (4000K-800LM)

Issue Date: 7/28/2026

Test Information

Test Method: LM-79-2024
Report Number: P1503904
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2606-836-7)
Test Lab: INNOVATION CENTER
Issue Date: 7/28/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PrentaLux
Catalog Number: PRLX-SM4-03-LS-FS-D2W-XXXX-WHTE-XX-ND (4000K-800LM)
Description: PrentaLux Fluxyn SM4 SURFACE MOUNT, DISC, NO DIFFUSER, WHITE REFLECTOR
LIGHT LEVEL 2 - 800 NOMINAL LUMENS
Light Source: SELECTABLE CCT - 4000K CCT, 90 CRI - DIM TO WARM (1800K)
Ballast/Driver: ELECTRONIC DRIVER

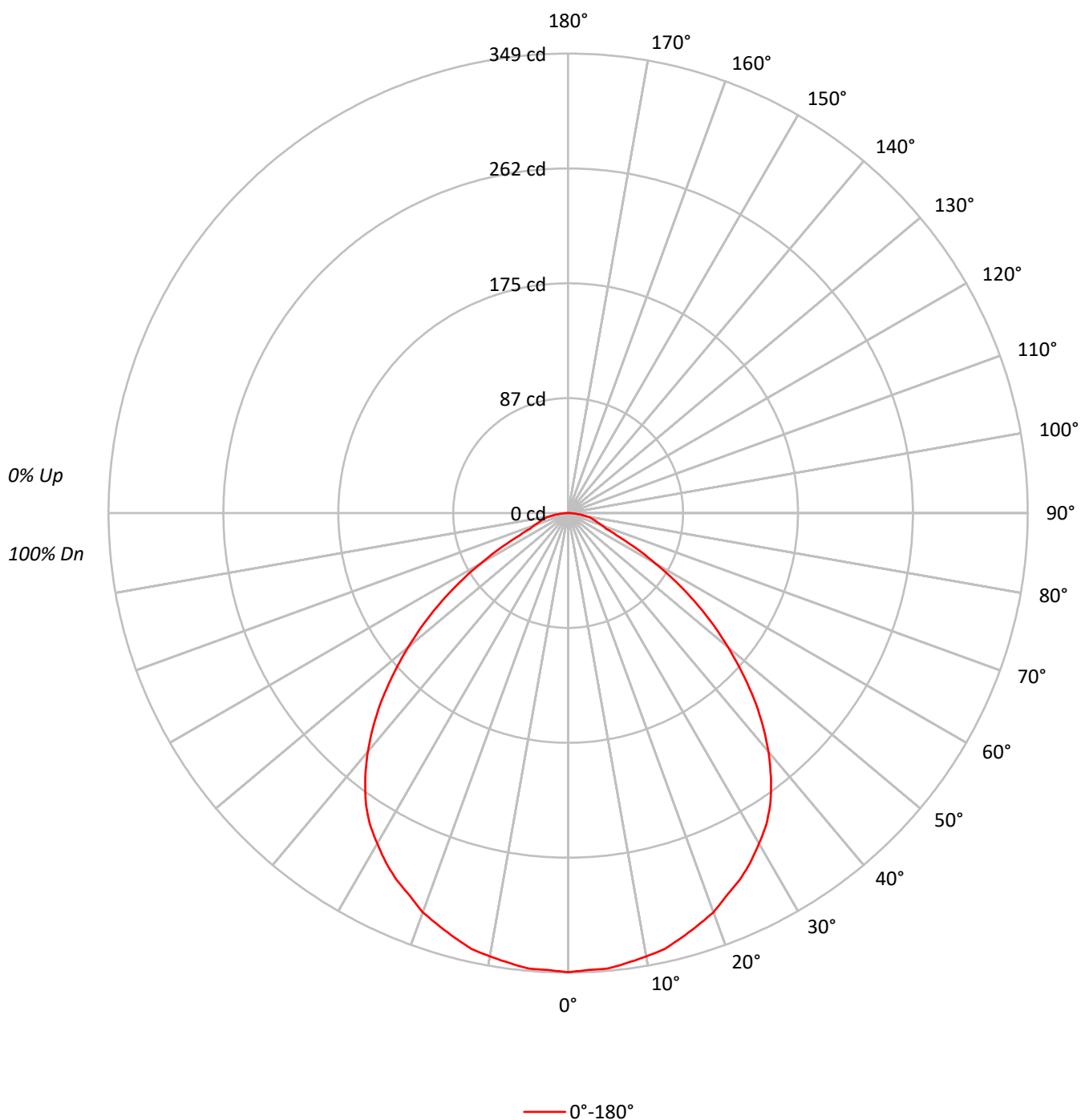
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 767.1 lumens
Efficiency: N/A
Efficacy: 87.2 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.3
Luminous Opening: Circular (Dia: 0.6

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CATALOG NUMBER: PRLX-SM4-03-LS-FS-D2W-XXXX-WHTE-XX-ND (4000K-800LM)

Luminous Intensity Polar Plot



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.9	4.3
10°-20°	94.2	12.3
20°-30°	141.7	18.5
30°-40°	166.5	21.7
40°-50°	153.1	20.0
50°-60°	104.8	13.7
60°-70°	45.5	5.9
70°-80°	21.6	2.8
80°		

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CATALOG NUMBER: PRLX-SM4-03-LS-FS-D2W-XXXX-WHTE-XX-ND (4000K-800LM)

CANDELA DISTRIBUTION (FULL):

	0°
0°	348.7
2.5°	347.3
5°	347.3
7.5°	344.6
10°	341.9
12.5°	339.1
15°	333.7
17.5°	328.2
20°	322.7
22.5°	314.5
25°	307.7
27.5°	299.5
30°	289.9