

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: P1503937

Luminaire Tested: PRLX-SM4-03-LS-FS-D2W-XXXX-WHTE-XX-OT (5000K-800LM)

Issue Date: 7/28/2026

Test Information

Test Method: LM-79-2024
Report Number: P1503937
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2606-836-10)
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-WHITE-XX-OT (5000K-800LM)
Description: PrentaLux Fluxyn SM4 SURFACE MOUNT, DISC, OPEN TAPERED, WHITE REFLECTOR
LIGHT LEVEL 2 - 800 NOMINAL LUMENS
Light Source: SELECTABLE CCT - 5000K CCT, 90 CRI - DIM TO WARM (1800K)
Ballast/Driver: ELECTRONIC DRIVER

Summary

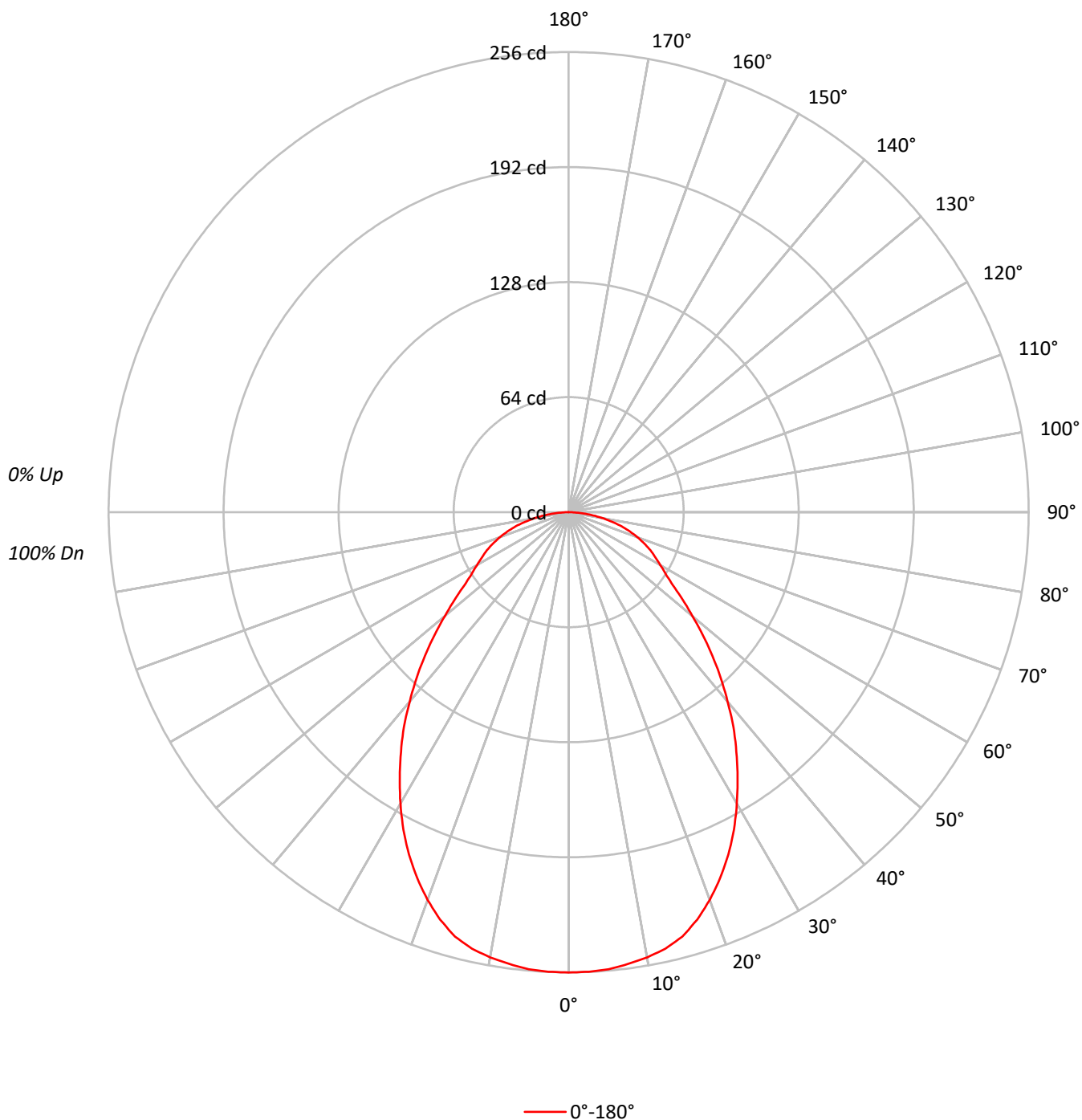
Lumens per Lamp: N/A
Luminaire Lumens: 533.6 lumens
Efficiency: N/A
Efficacy: 60.6 lumens/watt
Spacing Criteria (0/90/45): 1.11 / 1.11 / 1.17
Luminous Opening: Circular (Dia: 0.67' x H: 0')
CIE Type: Direct

Input Watts (W): 8.8
Input Voltage (V): 120
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: 24 FT

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Luminous Intensity Polar Plot



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.2	4.5
10°-20°	68.5	12.8
20°-30°	96.4	18.1
30°-40°	101.6	19.0
40°-50°	87.3	16.4
50°-60°	64.5	12.1
60°-70°	49.5	9.3
70°-80°	32.0	6.0
80°-90°	9.5	1.8
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°	189.1	35.4
0°-40°	290.7	54.5
0°-60°	442.5	82.9
0°-90°	533.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	533.6	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	256	
5°	255	24
15°	244	69
25°	210	96
35°	163	102
45°	113	87
55°	71	65
65°	50	50
75°	30	32
85°	8	10
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	256.1
2.5°	255.9
5°	255.2
7.5°	253.5
10°	251.5
12.5°	248.7
15°	244.4
17.5°	237.7
20°	229.5
22.5°	220.3
25°	210.2
27.5°	199.1
30°	187.2
32.5°	174.9
35°	162.7
37.5°	150.6
40°	137.6
42.5°	125.4
45°	113.1
47.5°	101.3
50°	89.8
52.5°	79.9
55°	70.7
57.5°	63.9
60°	58.9
62.5°	54.4
65°	50.2
67.5°	45.5
70°	40.8
72.5°	35.8
75°	30.5
77.5°	24.9
80°	19.3
82.5°	13.8
85°	8.3
87.5°	3.3
90°	0.0

(END OF REPORT)