

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1291988

Luminaire Tested: P3A09R20W2N902750DE010 E3PHLD1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1291988
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R20W2N902750DE010 E3PHLD1MW_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R20 optic, 5000K CCT AND, 90CRI ,
E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

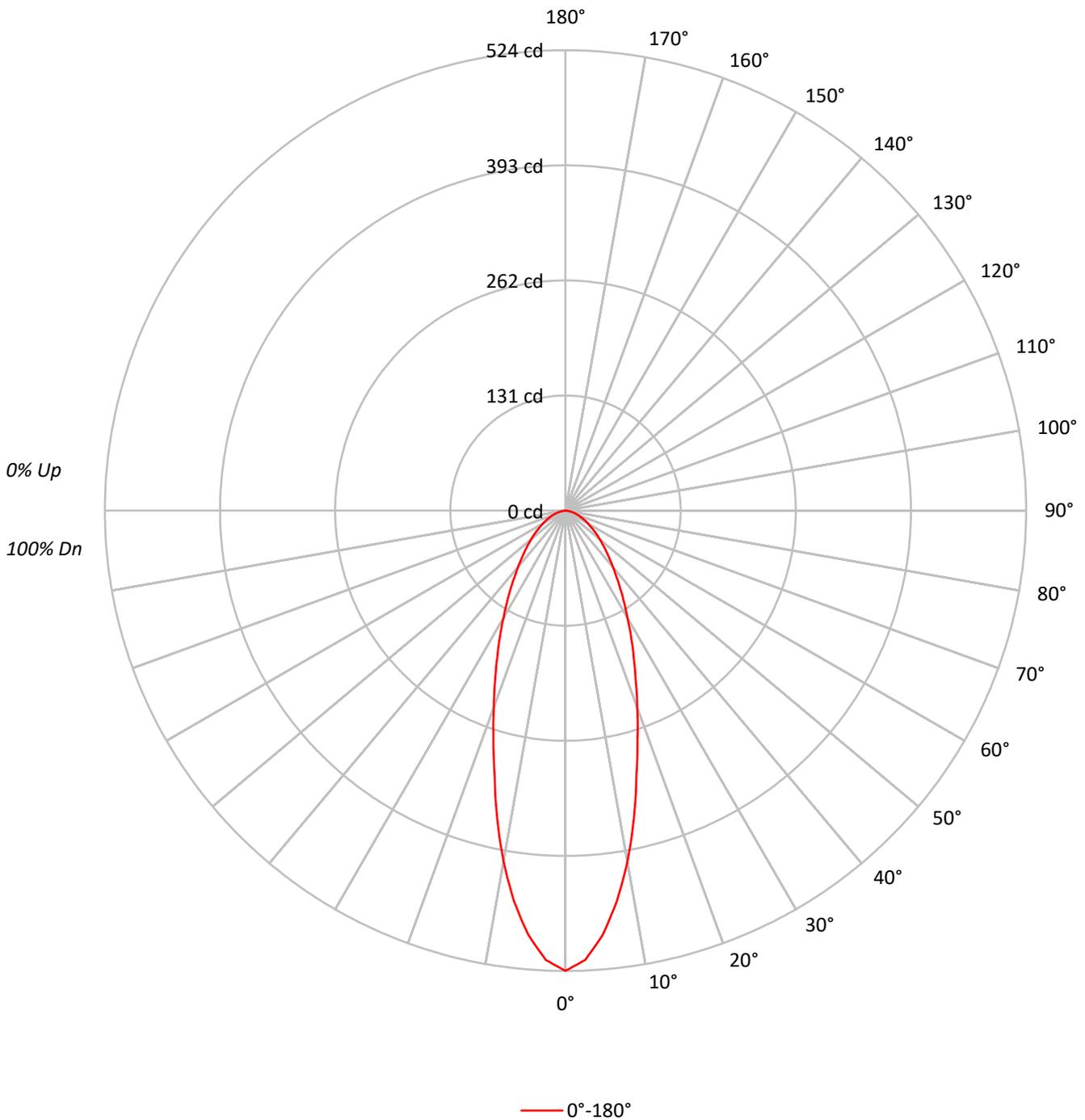
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 405.0 lumens
Efficiency: N/A
Efficacy: 45.0 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 9
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: 24 FT

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Luminous Intensity Polar Plot





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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.8	10.8
10°-20°	87.2	21.5
20°-30°	84.7	20.9
30°-40°	68.4	16.9
40°-50°	50.9	12.6
50°-60°	35.3	8.7
60°-70°	22.1	5.5
70°-80°	10.7	2.6
80°-90°	1.8	0.5
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°	215.7	53.3
0°-40°	284.1	70.1
0°-60°	370.3	91.4
0°-90°	405.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	405.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	524	
5°	485	44
15°	312	87
25°	183	85
35°	109	68
45°	65	51
55°	39	35
65°	22	22
75°	10	11
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	523.8
2.5°	511.9
5°	484.7
7.5°	448.2
10°	405.8
12.5°	359.1
15°	311.6
17.5°	272.5
20°	238.6
22.5°	208.8
25°	183.4
27.5°	161.3
30°	140.9
32.5°	123.9
35°	108.7
37.5°	95.1
40°	84.0
42.5°	73.9
45°	65.4
47.5°	57.7
50°	50.9
52.5°	45.0
55°	39.1
57.5°	34.0
60°	29.7
62.5°	26.3
65°	22.1
67.5°	18.7
70°	15.3
72.5°	12.7
75°	10.2
77.5°	7.6
80°	5.1
82.5°	2.5
85°	1.7
87.5°	0.0
90°	0.0

(END OF REPORT)