

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: P1299739

Luminaire Tested: P3A17R20W2N902765DE010 E3PHLP1MW_6500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1299739
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R20W2N902765DE010 E3PHLP1MW_6500K
Description: 3in Adjustable Tunable White LED luminaire with, R20 optic, 6500K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

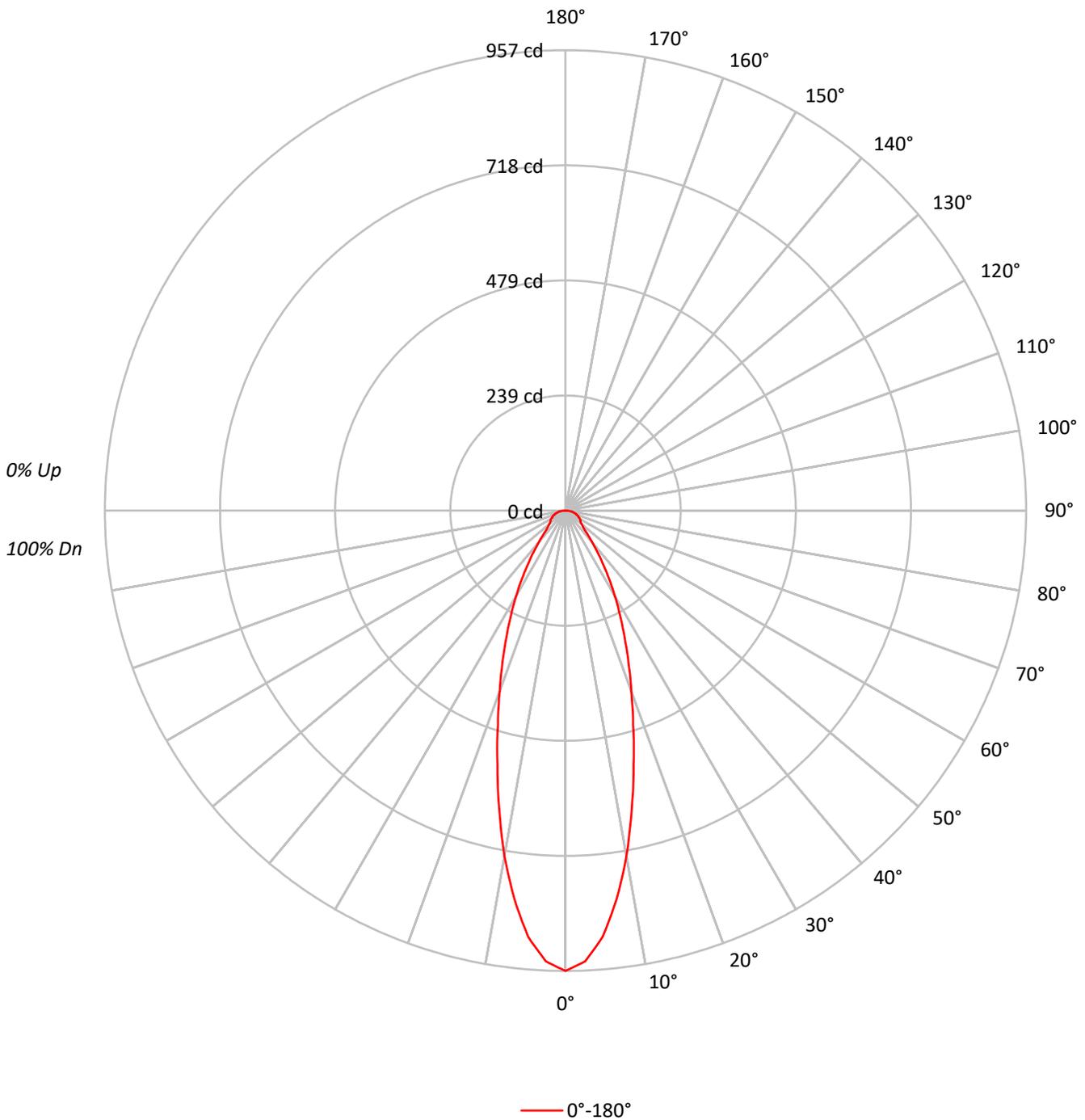
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 590.0 lumens
Efficiency: N/A
Efficacy: 30.4 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 19.4
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°	79.6	13.5
10°-20°	152.1	25.8
20°-30°	133.8	22.7
30°-40°	86.4	14.6
40°-50°	45.8	7.8
50°-60°	34.4	5.8
60°-70°	29.2	5.0
70°-80°	20.6	3.5
80°-90°	8.0	1.4
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°	365.5	62.0
0°-40°	451.9	76.6
0°-60°	532.1	90.2
0°-90°	590.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	590.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	957	
5°	889	80
15°	547	152
25°	290	134
35°	135	86
45°	56	46
55°	38	34
65°	30	29
75°	19	21
85°	7	8
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	956.8
2.5°	937.7
5°	889.1
7.5°	814.4
10°	729.3
12.5°	635.6
15°	547.0
17.5°	467.1
20°	399.4
22.5°	342.1
25°	290.0
27.5°	244.8
30°	204.9
32.5°	168.4
35°	135.4
37.5°	109.4
40°	86.8
42.5°	69.5
45°	55.6
47.5°	48.6
50°	43.4
52.5°	39.9
55°	38.2
57.5°	36.5
60°	34.7
62.5°	31.3
65°	29.5
67.5°	27.8
70°	24.3
72.5°	22.6
75°	19.1
77.5°	17.4
80°	13.9
82.5°	12.2
85°	6.9
87.5°	3.5
90°	0.0

(END OF REPORT)