

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: P1249904

Luminaire Tested: P3AS20R159027D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249904
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R159027D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

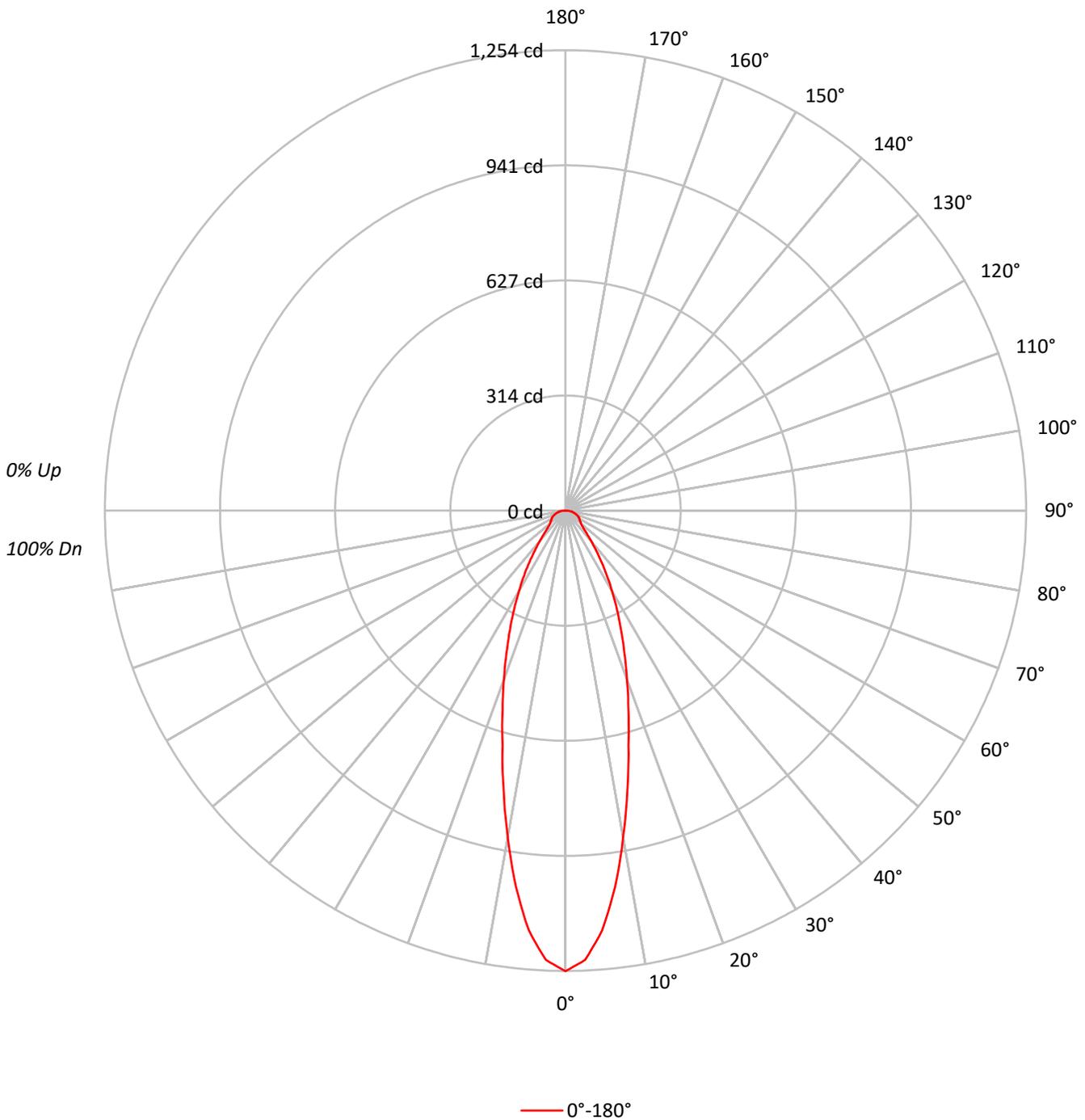
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 735.0 lumens
Efficiency: N/A
Efficacy: 25.5 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
Input Voltage (V): NR
Input Current (A_{in}): 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°	101.6	13.8
10°-20°	185.8	25.3
20°-30°	164.6	22.4
30°-40°	107.8	14.7
40°-50°	57.6	7.8
50°-60°	43.6	5.9
60°-70°	37.5	5.1
70°-80°	25.8	3.5
80°-90°	10.5	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°	452.1	61.5
0°-40°	559.9	76.2
0°-60°	661.1	89.9
0°-90°	735.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	735.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1254	
5°	1148	102
15°	663	186
25°	358	165
35°	171	108
45°	71	58
55°	48	44
65°	39	38
75°	25	26
85°	9	11
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1254.5
2.5°	1224.9
5°	1147.5
7.5°	1033.7
10°	903.9
12.5°	778.7
15°	662.6
17.5°	569.2
20°	489.5
22.5°	418.9
25°	357.5
27.5°	302.8
30°	252.7
32.5°	209.5
35°	170.8
37.5°	136.6
40°	109.3
42.5°	86.5
45°	70.6
47.5°	61.5
50°	54.6
52.5°	52.4
55°	47.8
57.5°	45.5
60°	43.3
62.5°	41.0
65°	38.7
67.5°	34.2
70°	31.9
72.5°	27.3
75°	25.0
77.5°	20.5
80°	18.2
82.5°	15.9
85°	9.1
87.5°	4.6
90°	0.0

(END OF REPORT)