

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: P1289455

Luminaire Tested: P3A05R40W2N902750DE010 E3DLD1GPH_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1289455
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R40W2N902750DE010 E3DLD1GPH_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R40 optic, 4000K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

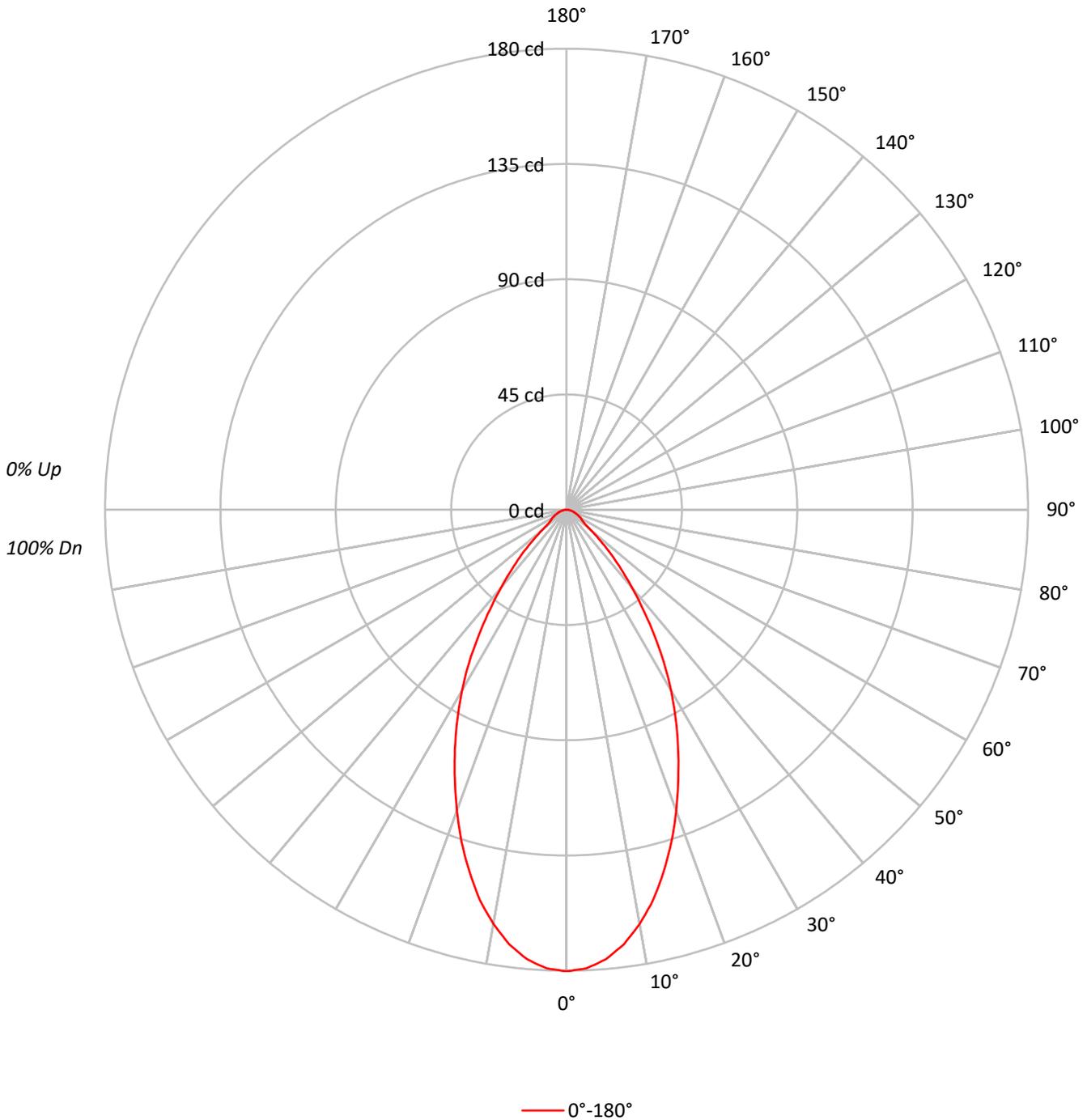
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 176.0 lumens
Efficiency: N/A
Efficacy: 29.8 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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°	16.4	9.3
10°-20°	40.8	23.2
20°-30°	47.1	26.8
30°-40°	37.1	21.1
40°-50°	19.1	10.8
50°-60°	7.3	4.1
60°-70°	4.8	2.7
70°-80°	2.7	1.5
80°-90°	0.8	0.4
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°	104.3	59.3
0°-40°	141.4	80.3
0°-60°	167.8	95.3
0°-90°	176.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	176.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	180	
5°	176	16
15°	146	41
25°	103	47
35°	60	37
45°	25	19
55°	8	7
65°	5	5
75°	3	3
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	180.2
2.5°	179.2
5°	176.2
7.5°	171.1
10°	164.2
12.5°	156.1
15°	146.3
17.5°	136.1
20°	125.0
22.5°	113.8
25°	103.0
27.5°	92.2
30°	81.5
32.5°	70.7
35°	59.5
37.5°	49.0
40°	39.6
42.5°	31.5
45°	24.6
47.5°	17.9
50°	12.2
52.5°	8.9
55°	7.7
57.5°	6.9
60°	6.3
62.5°	5.5
65°	4.9
67.5°	4.1
70°	3.5
72.5°	3.0
75°	2.6
77.5°	2.0
80°	1.4
82.5°	1.2
85°	0.6
87.5°	0.4
90°	0.0

(END OF REPORT)