

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: P1270694

Luminaire Tested: P3A20R559740D010 E3DLD1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270694
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R559740D010 E3DLD1WH
Description: 3in Adjustable LED luminaire with, R55 optic, 4000K CCT AND, 97CRI , E3DLD1WH TRIM
Light Source: -
Ballast/Driver: -

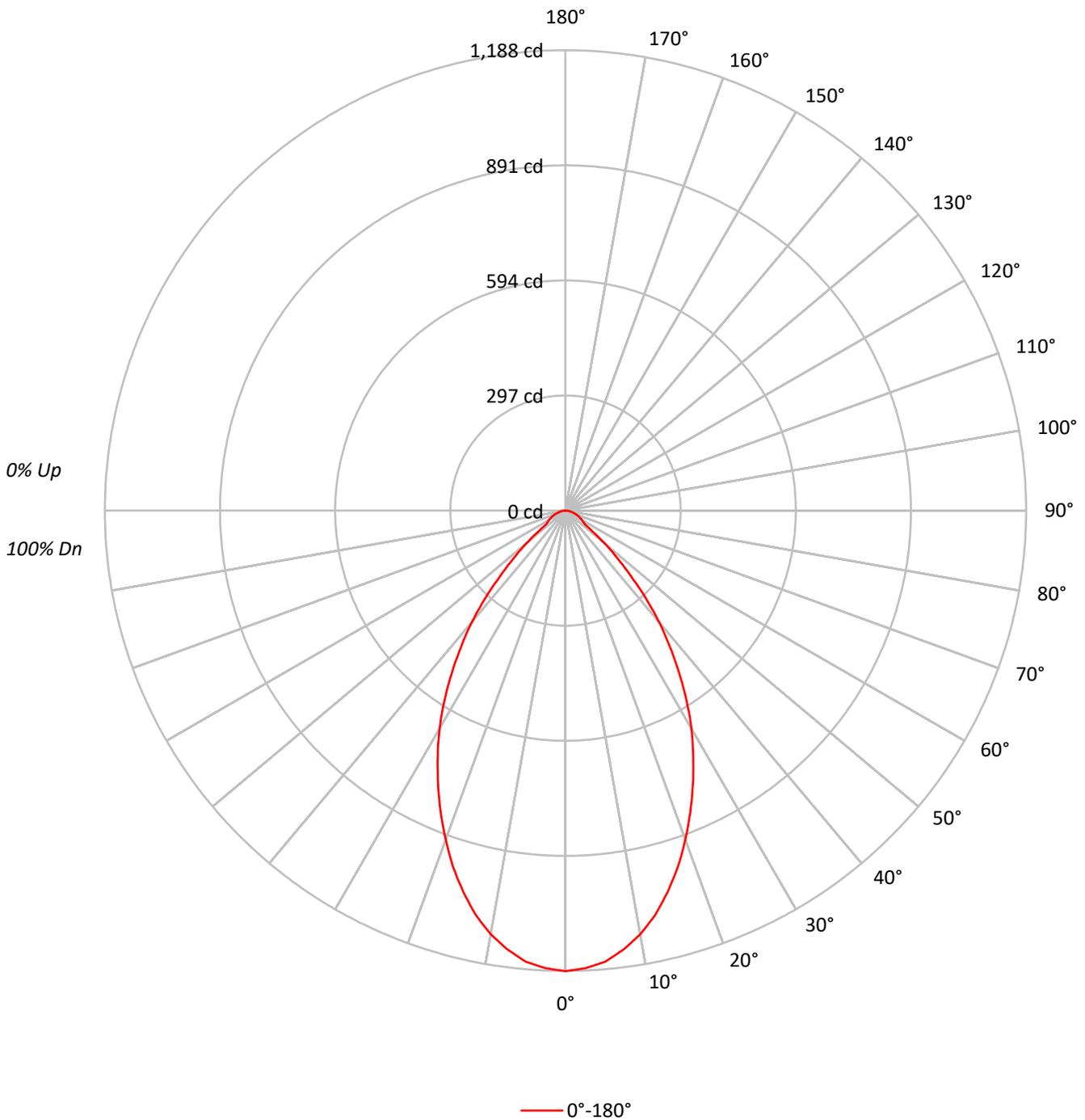
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1386.0 lumens
Efficiency: N/A
Efficacy: 48.1 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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

TEST NUMBER: P1270694
CATALOG NUMBER: P3A20R559740D010 E3DLD1WH

Luminous Intensity Polar Plot





TEST NUMBER: P1270694
 CATALOG NUMBER: P3A20R559740D010 E3DLD1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	109.6	7.9
10°-20°	284.6	20.5
20°-30°	356.4	25.7
30°-40°	318.1	23.0
40°-50°	186.3	13.4
50°-60°	64.3	4.6
60°-70°	38.9	2.8
70°-80°	21.6	1.6
80°-90°	6.2	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°	750.6	54.2
0°-40°	1068.7	77.1
0°-60°	1319.3	95.2
0°-90°	1386.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1386.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1188	
5°	1169	110
15°	1018	285
25°	778	356
35°	511	318
45°	236	186
55°	61	64
65°	39	39
75°	20	22
85°	5	6
90°	0	



TEST NUMBER: P1270694
CATALOG NUMBER: P3A20R559740D010 E3DLD1WH

CANDELA DISTRIBUTION (FULL):

	0°
0°	1188.4
2.5°	1181.9
5°	1168.8
7.5°	1142.6
10°	1109.9
12.5°	1068.9
15°	1018.2
17.5°	964.2
20°	903.6
22.5°	841.4
25°	777.6
27.5°	713.7
30°	649.9
32.5°	581.1
35°	510.7
37.5°	442.0
40°	376.5
42.5°	306.1
45°	235.7
47.5°	180.1
50°	131.0
52.5°	85.1
55°	60.6
57.5°	54.0
60°	49.1
62.5°	44.2
65°	39.3
67.5°	34.4
70°	29.5
72.5°	24.6
75°	19.6
77.5°	16.4
80°	13.1
82.5°	8.2
85°	4.9
87.5°	3.3
90°	0.0

(END OF REPORT)