

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: P1261620

Luminaire Tested: P3AS02R559727DE010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261620
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R559727DE010 E3D1LI
Description: 3in Adjustable LED luminaire with, R55 optic, 2700K CCT AND, 97CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

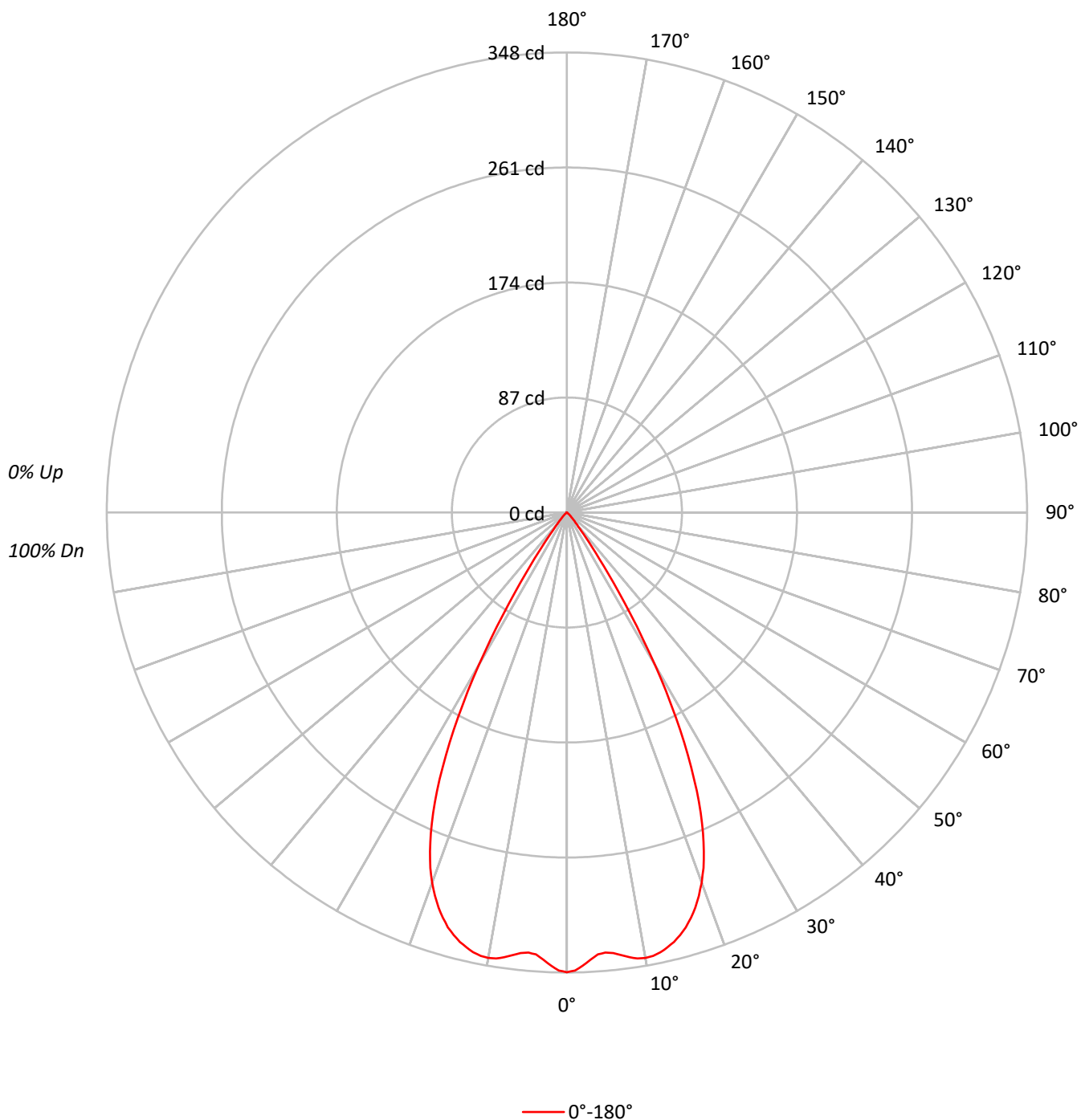
Lumens per Lamp: N/A
Luminaire Lumens: 263.0 lumens
Efficiency: N/A
Efficacy: 73.1 lumens/watt
Spacing Criteria (0/90/45): 0.93 / 0.93 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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: P1261620

CATALOG NUMBER: P3AS02R559727DE010 E3D1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1261620

CATALOG NUMBER: P3AS02R559727DE010 E3D1LI

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	114	111	109	107	112	109	107	105	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	104	98	94	90	102	97	93	90	95	91	88		92	89	87		90
4	100	93	88	84	98	92	87	84	90	86	83		88	84	82		86
5	95	88	82	79	94	87	82	78	85	81	78		84	80	77		82
6	91	83	78	74	90	82	77	74	81	76	73		80	76	73		78
7	87	79	73	70	86	78	73	69	77	72	69		76	72	69		75
8	83	75	69	66	82	74	69	65	73	69	65		72	68	65		71
9	80	71	66	62	79	71	66	62	70	65	62		69	65	62		68
10	77	68	62	59	76	67	62	59	67	62	59		66	62	59		65

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	76266
5°	73564
10°	76195
15°	75120
20°	69516
25°	56229
30°	33701
35°	11430
40°	3149
45°	1395
50°	409
55°	76
60°	44
65°	52
70°	64
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1395 cd/sqm

TEST NUMBER: P1261620

CATALOG NUMBER: P3AS02R559727DE010 E3D1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.3	12.3
10°-20°	92.1	35.0
20°-30°	102.4	38.9
30°-40°	31.9	12.1
40°-50°	3.8	1.5
50°-60°	0.3	0.1
60°-70°	0.1	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	226.9	86.3
0°-40°	258.8	98.4
0°-60°	262.9	100.0
0°-90°	263.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	263.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	348	
5°	334	32
15°	331	92
25°	232	102
35°	43	32
45°	4	4
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1261620

CATALOG NUMBER: P3AS02R559727DE010 E3D1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	347.8
1°	346.5
2°	343.1
3°	338.9
4°	335.1
5°	334.2
6°	335.2
7°	337.3
8°	339.7
9°	341.6
10°	342.2
11°	341.8
12°	340.2
13°	337.7
14°	334.8
15°	330.9
16°	326.4
17°	320.7
18°	314.3
19°	306.6
20°	297.9
21°	288.1
22°	276.4
23°	263.5
24°	248.7
25°	232.4
26°	214.5
27°	195.5
28°	175.3
29°	154.4
30°	133.1
31°	111.7
32°	90.8
32.5°	81.5
33°	71.9
34°	55.7
35°	42.7
36°	32.5
37°	24.1
37.5°	20.6
38°	17.9
39°	13.6
40°	11.0
42.5°	7.0
45°	4.5



TEST NUMBER: P1261620

CATALOG NUMBER: P3AS02R559727DE010 E3D1LI

CANDELA DISTRIBUTION (continued):

	0°
47.5°	2.7
50°	1.2
52.5°	0.4
55°	0.2
57.5°	0.1
60°	0.1
62.5°	0.1
65°	0.1
67.5°	0.1
70°	0.1
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)