

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: P1271058

Luminaire Tested: P3AS02R559827DE010 E3DL1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271058
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R559827DE010 E3DL1LI
Description: 3in Adjustable LED luminaire with, R55 optic, 2700K CCT AND, 98CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

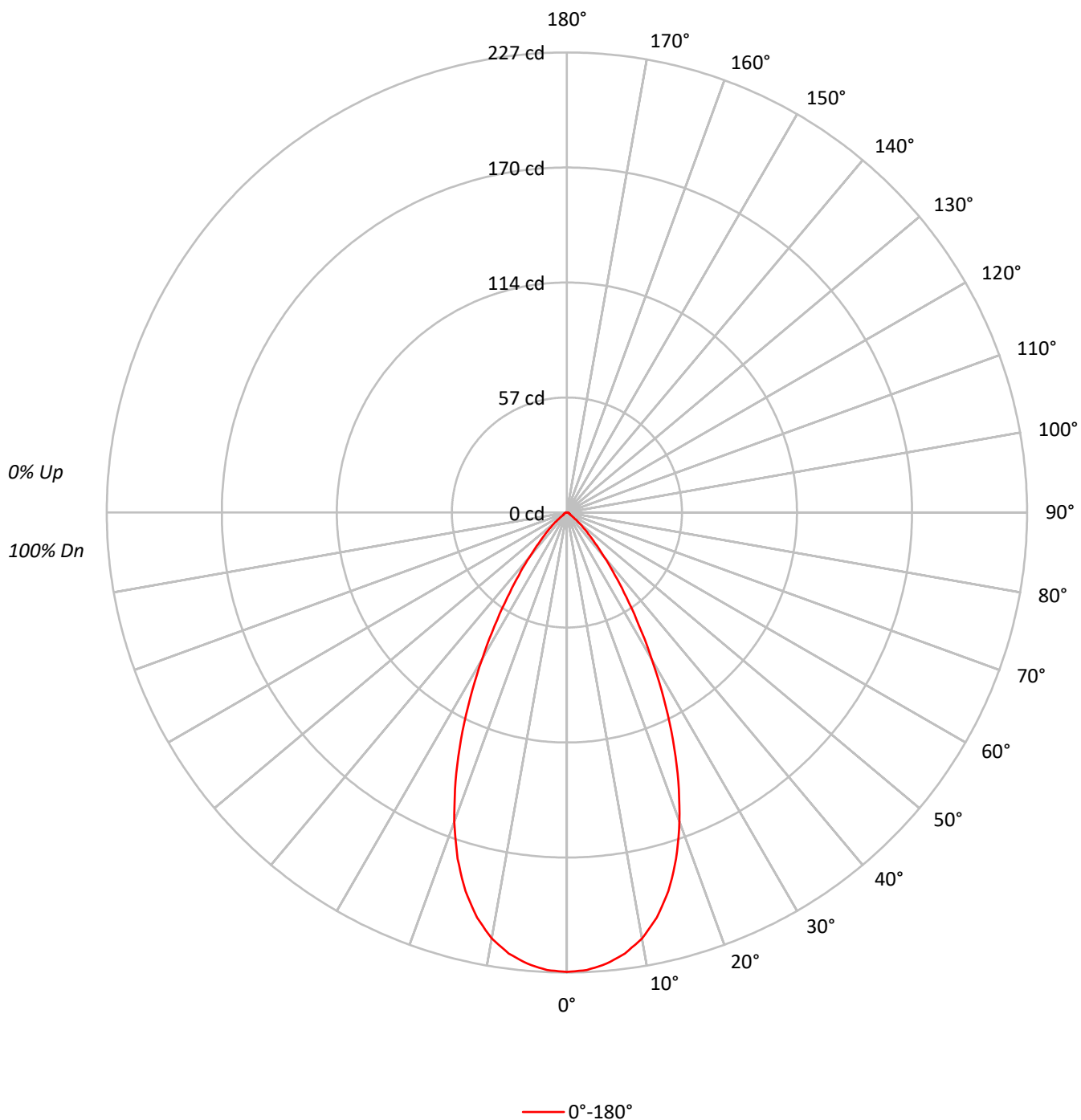
Lumens per Lamp: N/A
Luminaire Lumens: 181.0 lumens
Efficiency: N/A
Efficacy: 50.3 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1271058

CATALOG NUMBER: P3AS02R559827DE010 E3DL1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1271058

CATALOG NUMBER: P3AS02R559827DE010 E3DL1LI

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	113	111	108	106	111	108	106	104	104	103	101		101	99	98		97
2	108	103	99	95	106	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	89	83	79	86	82	78		84	81	78		82
5	92	84	78	74	91	83	78	74	81	77	73		80	75	72		78
6	88	79	73	69	86	78	73	68	77	72	68		75	71	68		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	66	61	57	75	66	60	56	65	60	56		64	59	56		63
10	73	63	57	53	72	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	49711
5°	49196
10°	47516
15°	43905
20°	37897
25°	29929
30°	21244
35°	13679
40°	8215
45°	4621
50°	2490
55°	879
60°	789
65°	778
70°	769
75°	678
80°	631
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4621 cd/sqm

TEST NUMBER: P1271058

CATALOG NUMBER: P3AS02R559827DE010 E3DL1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.0	11.6
10°-20°	53.5	29.5
20°-30°	56.1	31.0
30°-40°	32.7	18.1
40°-50°	12.2	6.8
50°-60°	2.9	1.6
60°-70°	1.5	0.8
70°-80°	0.9	0.5
80°-90°	0.3	0.1
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°	130.6	72.1
0°-40°	163.3	90.2
0°-60°	178.4	98.5
0°-90°	181.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	181.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	227	
5°	224	21
15°	193	53
25°	124	56
35°	51	33
45°	15	12
55°	2	3
65°	2	1
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1271058

CATALOG NUMBER: P3AS02R559827DE010 E3DL1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	226.7
2.5°	226.0
5°	223.5
7.5°	219.5
10°	213.4
12.5°	204.7
15°	193.4
17.5°	179.2
20°	162.4
22.5°	143.6
25°	123.7
27.5°	103.3
30°	83.9
32.5°	66.3
35°	51.1
37.5°	38.9
40°	28.7
42.5°	20.6
45°	14.9
47.5°	10.8
50°	7.3
52.5°	4.2
55°	2.3
57.5°	2.0
60°	1.8
62.5°	1.7
65°	1.5
67.5°	1.3
70°	1.2
72.5°	1.0
75°	0.8
77.5°	0.7
80°	0.5
82.5°	0.3
85°	0.2
87.5°	0.2
90°	0.0

(END OF REPORT)