

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: P1250470

Luminaire Tested: P3AS24R559027D010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250470
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: P3AS24R559027D010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R55 optic, 2700K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

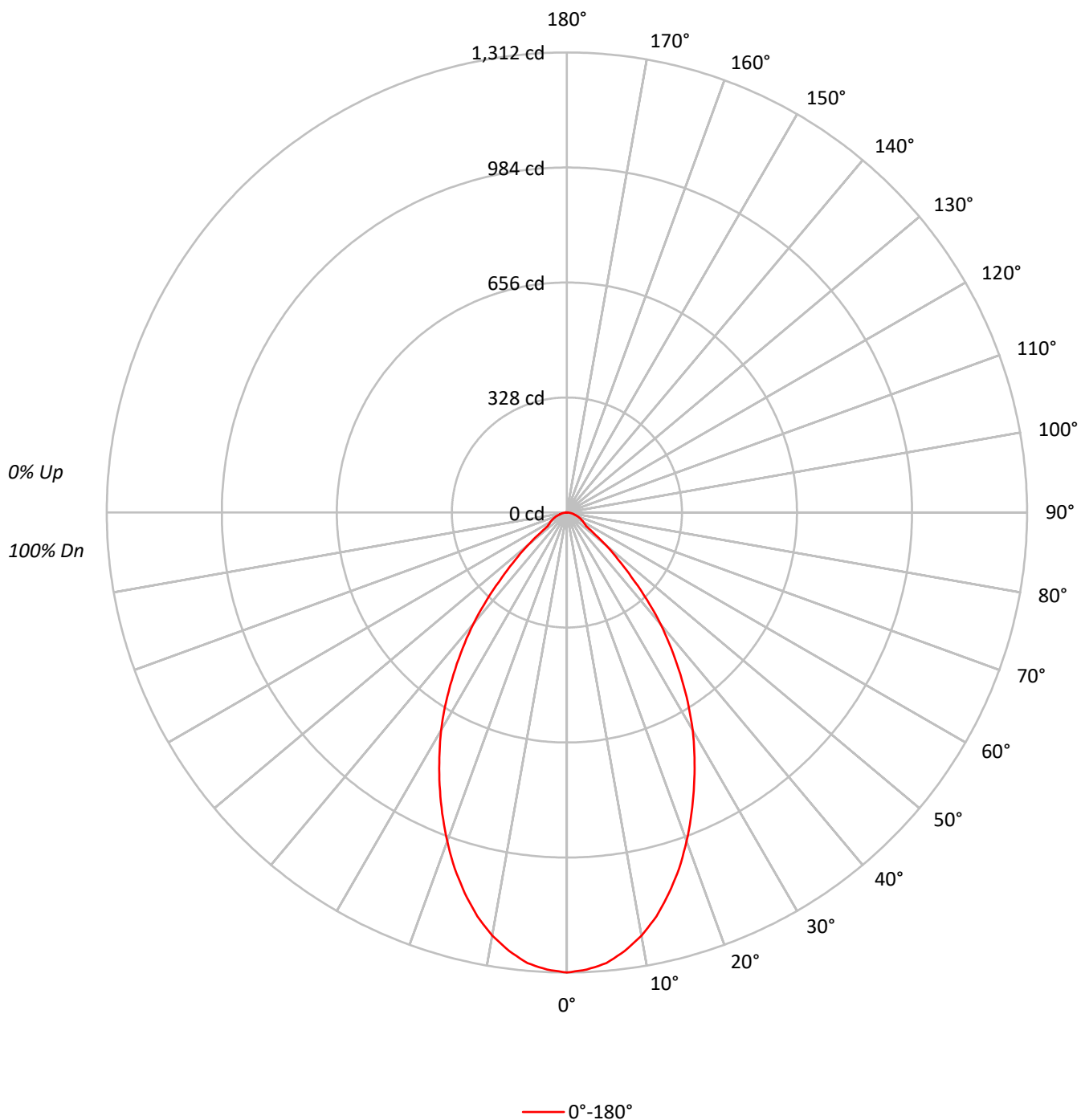
Lumens per Lamp: N/A
Luminaire Lumens: 1530.0 lumens
Efficiency: N/A
Efficacy: 53.1 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1250470

CATALOG NUMBER: P3AS24R559027D010 E3DLD1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1250470

CATALOG NUMBER: P3AS24R559027D010 E3DLD1LI

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	112	109	106	103	110	107	104	102	103	100	98		99	97	95		95
2	105	100	95	91	103	98	93	90	94	91	88		91	88	86		89
3	99	91	85	81	97	90	84	80	87	82	79		85	81	77		82
4	93	84	77	72	91	83	77	72	80	75	71		78	74	70		76
5	87	77	71	66	85	76	70	65	75	69	65		73	68	64		71
6	82	72	65	60	80	71	64	60	69	64	59		68	63	59		66
7	77	67	60	55	76	66	59	55	65	59	54		63	58	54		62
8	73	62	55	51	72	62	55	51	60	55	50		59	54	50		58
9	69	58	51	47	68	58	51	47	57	51	47		56	50	46		55
10	65	55	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	287674
5°	283997
10°	272807
15°	255166
20°	232770
25°	207689
30°	181648
35°	150925
40°	118966
45°	80691
50°	49329
55°	25576
60°	23770
65°	22519
70°	20837
75°	18385
80°	18310
85°	13586

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 80691 cd/sqm

TEST NUMBER: P1250470

CATALOG NUMBER: P3AS24R559027D010 E3DLD1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	121.0	7.9
10°-20°	314.2	20.5
20°-30°	393.4	25.7
30°-40°	351.2	23.0
40°-50°	205.6	13.4
50°-60°	71.0	4.6
60°-70°	42.9	2.8
70°-80°	23.8	1.6
80°-90°	6.9	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°	828.6	54.2
0°-40°	1179.7	77.1
0°-60°	1456.4	95.2
0°-90°	1530.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1530.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1312	
5°	1290	121
15°	1124	314
25°	858	393
35°	564	351
45°	260	206
55°	67	71
65°	43	43
75°	22	24
85°	5	7
90°	0	

TEST NUMBER: P1250470

CATALOG NUMBER: P3AS24R559027D010 E3DLD1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	1311.9
2.5°	1304.7
5°	1290.2
7.5°	1261.3
10°	1225.2
12.5°	1180.0
15°	1124.0
17.5°	1064.4
20°	997.5
22.5°	928.8
25°	858.4
27.5°	787.9
30°	717.4
32.5°	641.5
35°	563.8
37.5°	487.9
40°	415.6
42.5°	337.9
45°	260.2
47.5°	198.8
50°	144.6
52.5°	94.0
55°	66.9
57.5°	59.6
60°	54.2
62.5°	48.8
65°	43.4
67.5°	37.9
70°	32.5
72.5°	27.1
75°	21.7
77.5°	18.1
80°	14.5
82.5°	9.0
85°	5.4
87.5°	3.6
90°	0.0

(END OF REPORT)