

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: P1261246

Luminaire Tested: P3AS24R659050D010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261246
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R659050D010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R65 optic, 5000K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

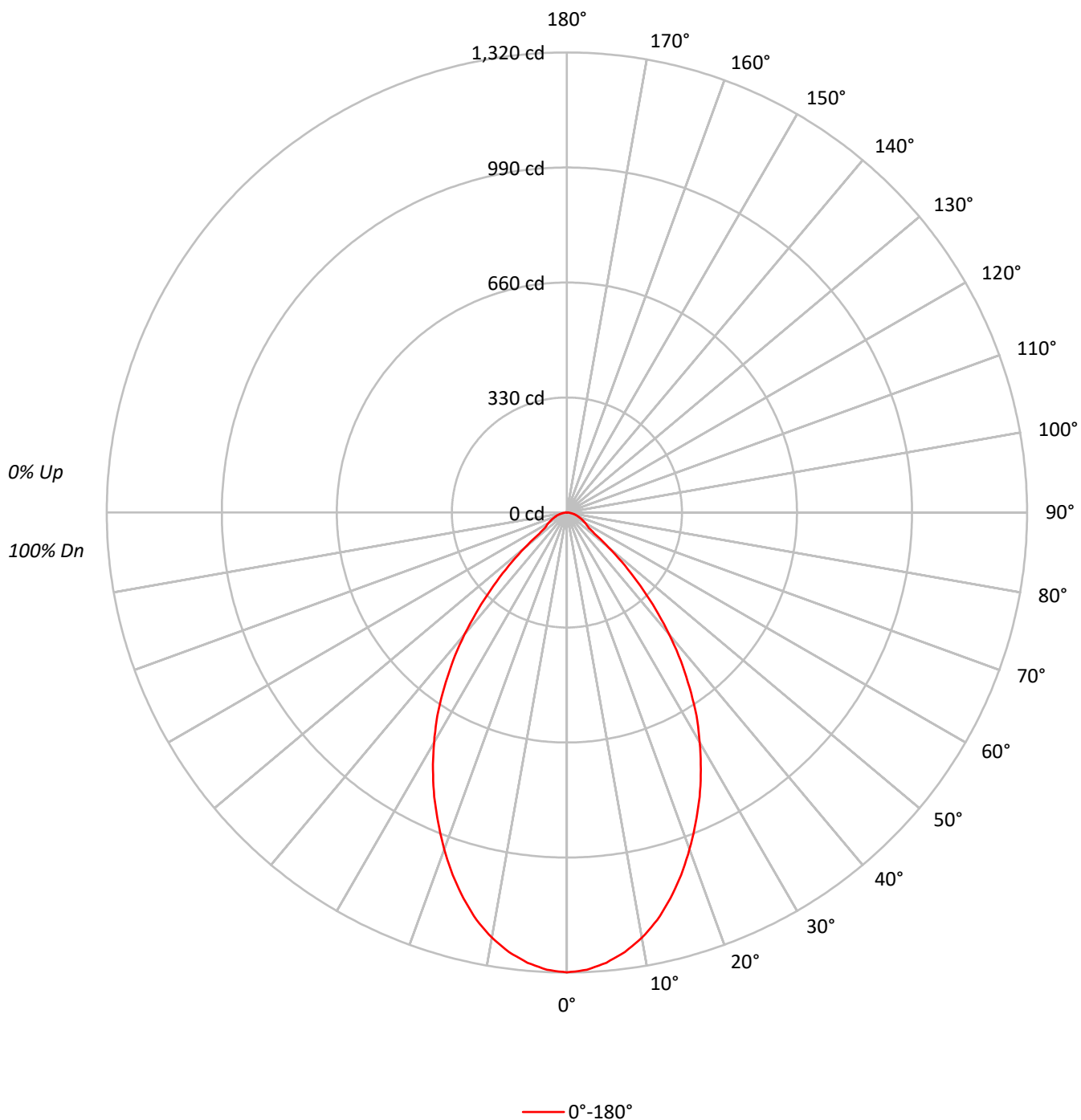
Lumens per Lamp: N/A
Luminaire Lumens: 1626.0 lumens
Efficiency: N/A
Efficacy: 56.5 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1261246

CATALOG NUMBER: P3AS24R659050D010 E3DLD1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1261246

CATALOG NUMBER: P3AS24R659050D010 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	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	289363
5°	285449
10°	275880
15°	260183
20°	239981
25°	217851
30°	192941
35°	164176
40°	130645
45°	92227
50°	53525
55°	29208
60°	27191
65°	24646
70°	22504
75°	21011
80°	18310
85°	15599

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 92227 cd/sqm

TEST NUMBER: P1261246

CATALOG NUMBER: P3AS24R659050D010 E3DLD1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	122.0	7.5
10°-20°	320.6	19.7
20°-30°	412.1	25.3
30°-40°	381.2	23.4
40°-50°	230.1	14.2
50°-60°	78.5	4.8
60°-70°	47.2	2.9
70°-80°	26.7	1.6
80°-90°	7.6	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°	854.7	52.6
0°-40°	1235.9	76.0
0°-60°	1544.5	95.0
0°-90°	1626.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1626.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1320	
5°	1297	122
15°	1146	321
25°	900	412
35°	613	381
45°	297	230
55°	76	78
65°	48	47
75°	25	27
85°	6	8
90°	0	

TEST NUMBER: P1261246

CATALOG NUMBER: P3AS24R659050D010 E3DLD1LI

CANDELA DISTRIBUTION (FULL):

	0°
0°	1319.6
2.5°	1313.4
5°	1296.8
7.5°	1272.1
10°	1239.0
12.5°	1197.7
15°	1146.1
17.5°	1090.3
20°	1028.4
22.5°	964.4
25°	900.4
27.5°	832.2
30°	762.0
32.5°	691.8
35°	613.3
37.5°	536.9
40°	456.4
42.5°	375.8
45°	297.4
47.5°	225.1
50°	156.9
52.5°	99.1
55°	76.4
57.5°	68.1
60°	62.0
62.5°	53.7
65°	47.5
67.5°	41.3
70°	35.1
72.5°	31.0
75°	24.8
77.5°	20.7
80°	14.5
82.5°	10.3
85°	6.2
87.5°	4.1
90°	0.0

(END OF REPORT)