

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: P1255942

Luminaire Tested: P3A24R659035D010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255942
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: P3A24R659035D010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

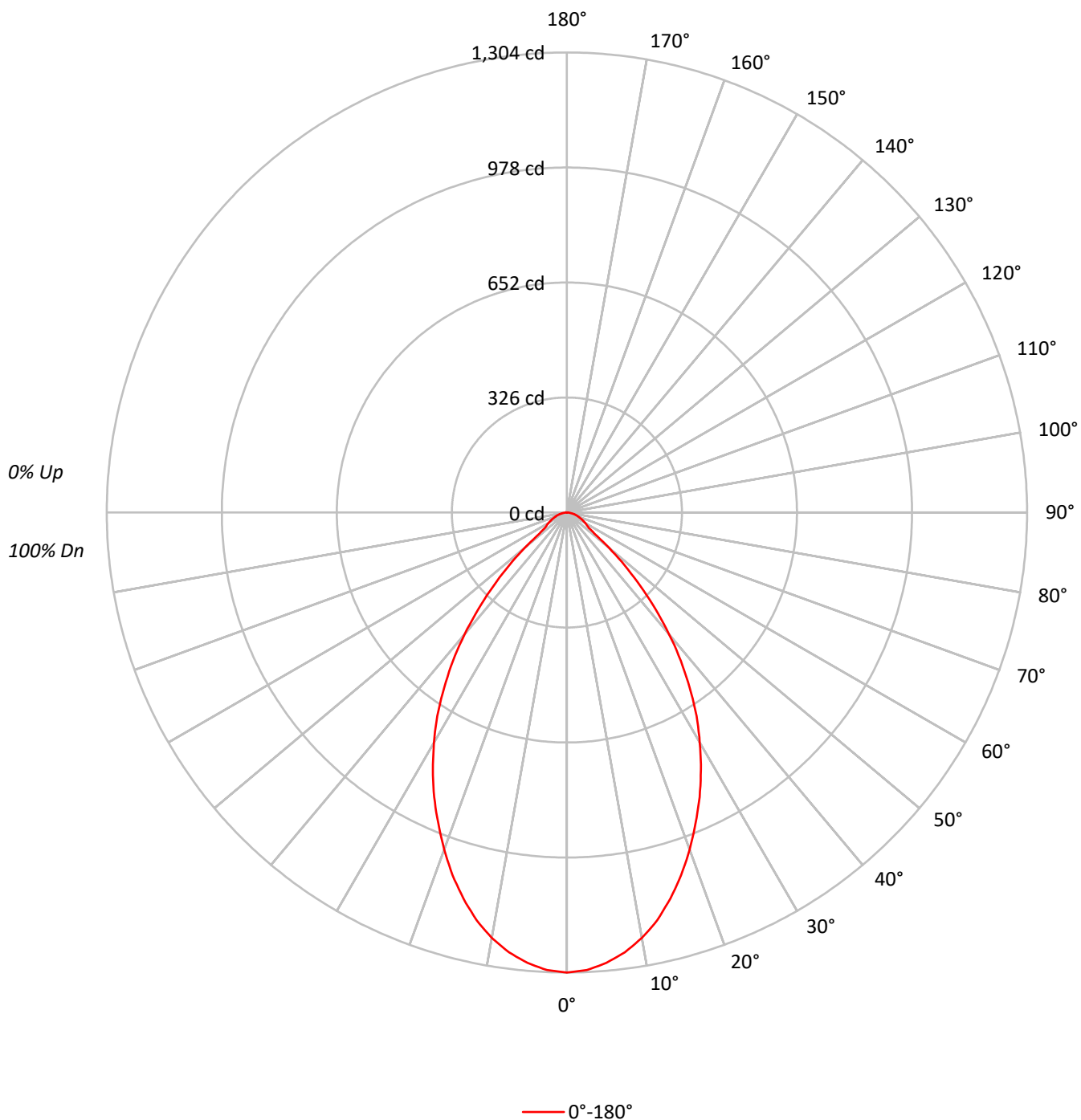
Lumens per Lamp: N/A
Luminaire Lumens: 1607.0 lumens
Efficiency: N/A
Efficacy: 55.8 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1255942

CATALOG NUMBER: P3A24R659035D010 E3DLD1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1255942

CATALOG NUMBER: P3A24R659035D010 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°	285964
5°	282126
10°	272651
15°	257141
20°	237181
25°	215287
30°	190688
35°	162248
40°	129099
45°	91141
50°	52911
55°	28864
60°	26840
65°	24335
70°	22247
75°	20757
80°	18058
85°	15347

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 91141 cd/sqm

TEST NUMBER: P1255942

CATALOG NUMBER: P3A24R659035D010 E3DLD1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	120.5	7.5
10°-20°	316.9	19.7
20°-30°	407.3	25.3
30°-40°	376.7	23.4
40°-50°	227.4	14.2
50°-60°	77.6	4.8
60°-70°	46.7	2.9
70°-80°	26.4	1.6
80°-90°	7.5	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°	844.7	52.6
0°-40°	1221.4	76.0
0°-60°	1526.4	95.0
0°-90°	1607.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1607.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1304	
5°	1282	121
15°	1133	317
25°	890	407
35°	606	377
45°	294	227
55°	76	78
65°	47	47
75°	24	26
85°	6	7
90°	0	

TEST NUMBER: P1255942

CATALOG NUMBER: P3A24R659035D010 E3DLD1LI

CANDELA DISTRIBUTION (FULL):

	0°
0°	1304.1
2.5°	1298.0
5°	1281.7
7.5°	1257.2
10°	1224.5
12.5°	1183.7
15°	1132.7
17.5°	1077.6
20°	1016.4
22.5°	953.1
25°	889.8
27.5°	822.5
30°	753.1
32.5°	683.7
35°	606.1
37.5°	530.6
40°	451.0
42.5°	371.4
45°	293.9
47.5°	222.5
50°	155.1
52.5°	98.0
55°	75.5
57.5°	67.3
60°	61.2
62.5°	53.1
65°	46.9
67.5°	40.8
70°	34.7
72.5°	30.6
75°	24.5
77.5°	20.4
80°	14.3
82.5°	10.2
85°	6.1
87.5°	4.1
90°	0.0

(END OF REPORT)