

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: P1255709

Luminaire Tested: P3A24R259035D010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255709
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A24R259035D010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

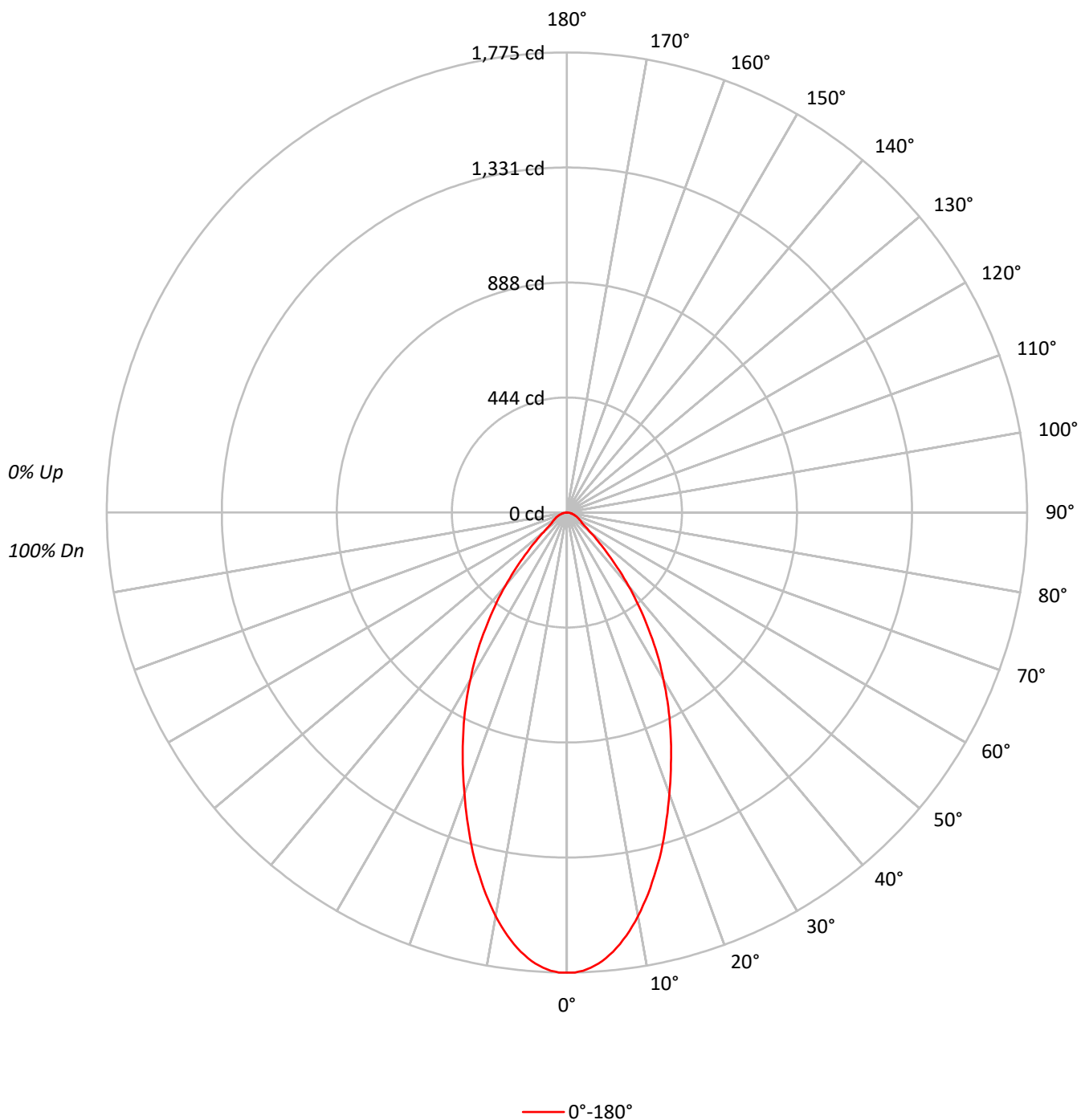
Lumens per Lamp: N/A
Luminaire Lumens: 1637.9 lumens
Efficiency: N/A
Efficacy: 56.9 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20
RC	80					70					50					30					0
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	112	109	106	104		110	107	105	102		103	101	99		99	98	96		96	94	93
2	106	100	96	92		104	99	94	91		95	92	89		92	89	87		89	87	85
3	100	92	87	82		98	91	86	82		88	84	80		86	82	79		83	80	78
4	94	85	79	74		92	84	78	74		82	77	73		80	76	72		78	74	71
5	89	79	73	68		87	78	72	68		76	71	67		75	70	66		73	69	66
6	84	74	67	62		82	73	67	62		71	66	62		70	65	61		69	64	61
7	79	69	62	58		78	68	62	58		67	61	57		66	61	57		65	60	57
8	75	65	58	54		74	64	58	53		63	57	53		62	57	53		61	56	53
9	71	61	54	50		70	60	54	50		59	54	50		58	53	50		57	53	49
10	68	57	51	47		67	57	51	47		56	50	47		55	50	46		54	50	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	389289
5°	380012
10°	352142
15°	313623
20°	269523
25°	229078
30°	188586
35°	146936
40°	105712
45°	67077
50°	39675
55°	27297
60°	25042
65°	23297
70°	20901
75°	18978
80°	18058
85°	15347

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 67077 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	160.1	9.8
10°-20°	383.5	23.4
20°-30°	433.3	26.5
30°-40°	342.7	20.9
40°-50°	173.1	10.6
50°-60°	69.3	4.2
60°-70°	44.4	2.7
70°-80°	24.5	1.5
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°	977.0	59.6
0°-40°	1319.7	80.6
0°-60°	1562.1	95.4
0°-90°	1637.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1637.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1775	
5°	1726	160
15°	1382	384
25°	947	433
35°	549	343
45°	216	173
55°	71	69
65°	45	44
75°	22	24
85°	6	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1775.3
1°	1775.3
2°	1769.2
3°	1759.0
4°	1744.7
5°	1726.4
6°	1703.9
7°	1677.4
8°	1648.8
9°	1616.2
10°	1581.5
11°	1542.7
12°	1506.0
13°	1463.1
14°	1422.3
15°	1381.5
17.5°	1267.2
20°	1155.0
22.5°	1048.9
25°	946.8
27.5°	846.9
30°	744.8
32.5°	648.9
35°	548.9
37.5°	457.1
40°	369.3
42.5°	287.7
45°	216.3
47.5°	161.2
50°	116.3
52.5°	87.7
55°	71.4
57.5°	65.3
60°	57.1
62.5°	51.0
65°	44.9
67.5°	38.8
70°	32.6
72.5°	28.6
75°	22.4
77.5°	18.4
80°	14.3
82.5°	10.2
85°	6.1
87.5°	2.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)