

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: P1255742

Luminaire Tested: P3A24R309035D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255742
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A24R309035D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

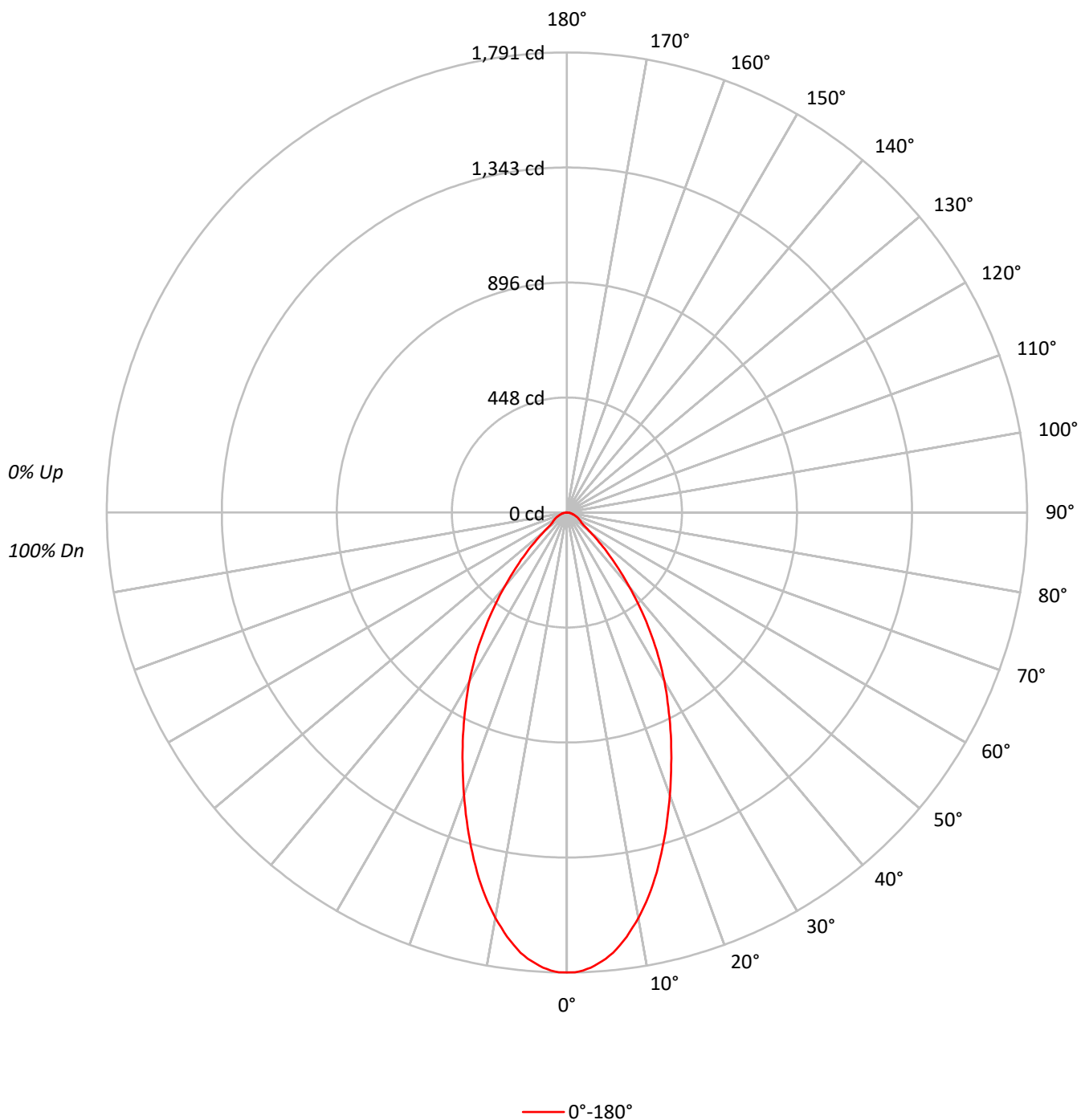
Lumens per Lamp: N/A
Luminaire Lumens: 1662.0 lumens
Efficiency: N/A
Efficacy: 57.7 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	392644
5°	383820
10°	356929
15°	317618
20°	273164
25°	231425
30°	192106
35°	150684
40°	108002
45°	70829
50°	40357
55°	26494
60°	25042
65°	23297
70°	20901
75°	18978
80°	18058
85°	15347

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 70829 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	161.9	9.7
10°-20°	388.9	23.4
20°-30°	438.3	26.4
30°-40°	350.0	21.1
40°-50°	179.9	10.8
50°-60°	67.7	4.1
60°-70°	44.4	2.7
70°-80°	23.9	1.4
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°	989.1	59.5
0°-40°	1339.2	80.6
0°-60°	1586.7	95.5
0°-90°	1662.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1662.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1791	
5°	1744	162
15°	1399	389
25°	956	438
35°	563	350
45°	228	180
55°	69	68
65°	45	44
75°	22	24
85°	6	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1790.6
1°	1790.6
2°	1784.5
3°	1774.3
4°	1760.0
5°	1743.7
6°	1723.3
7°	1696.8
8°	1668.3
9°	1635.6
10°	1603.0
11°	1566.3
12°	1527.5
13°	1486.8
14°	1443.9
15°	1399.1
17.5°	1284.8
20°	1170.6
22.5°	1060.5
25°	956.5
27.5°	854.5
30°	758.7
32.5°	660.8
35°	562.9
37.5°	467.0
40°	377.3
42.5°	297.8
45°	228.4
47.5°	169.3
50°	118.3
52.5°	83.6
55°	69.3
57.5°	63.2
60°	57.1
62.5°	51.0
65°	44.9
67.5°	38.7
70°	32.6
72.5°	26.5
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)