

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: P1250293

Luminaire Tested: P3AS24R259027D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250293
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: P3AS24R259027D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

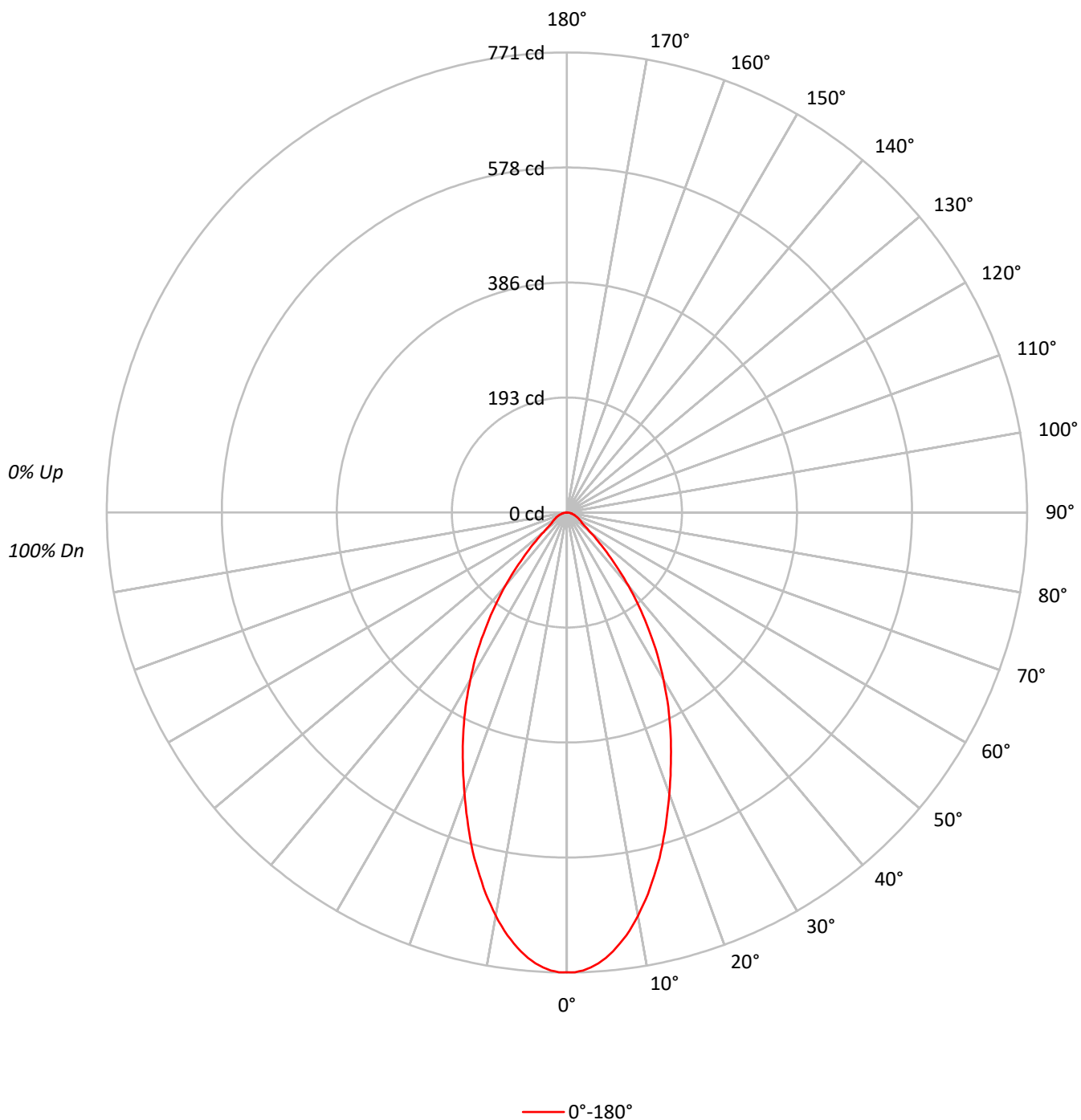
Lumens per Lamp: N/A
Luminaire Lumens: 711.0 lumens
Efficiency: N/A
Efficacy: 24.7 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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		83
4	94	85	79	74	92	84	78	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°	168978
5°	164957
10°	152858
15°	136142
20°	116980
25°	99441
30°	81861
35°	63791
40°	45886
45°	29119
50°	17228
55°	11851
60°	10876
65°	10118
70°	9104
75°	8218
80°	7829
85°	6793

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 29119 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	69.5	9.8
10°-20°	166.5	23.4
20°-30°	188.1	26.5
30°-40°	148.8	20.9
40°-50°	75.2	10.6
50°-60°	30.1	4.2
60°-70°	19.3	2.7
70°-80°	10.6	1.5
80°-90°	3.0	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°	424.1	59.6
0°-40°	572.9	80.6
0°-60°	678.1	95.4
0°-90°	711.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	711.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	771	
5°	749	69
15°	600	166
25°	411	188
35°	238	149
45°	94	75
55°	31	30
65°	20	19
75°	10	11
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	770.6
1°	770.6
2°	768.0
3°	763.5
4°	757.3
5°	749.4
6°	739.6
7°	728.1
8°	715.7
9°	701.5
10°	686.5
11°	669.6
12°	653.7
13°	635.1
14°	617.4
15°	599.7
17.5°	550.1
20°	501.3
22.5°	455.3
25°	411.0
27.5°	367.6
30°	323.3
32.5°	281.7
35°	238.3
37.5°	198.4
40°	160.3
42.5°	124.9
45°	93.9
47.5°	70.0
50°	50.5
52.5°	38.1
55°	31.0
57.5°	28.3
60°	24.8
62.5°	22.1
65°	19.5
67.5°	16.8
70°	14.2
72.5°	12.4
75°	9.7
77.5°	8.0
80°	6.2
82.5°	4.4
85°	2.7
87.5°	0.9



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)