

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: P1255707

Luminaire Tested: P3A24R259035D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255707
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 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

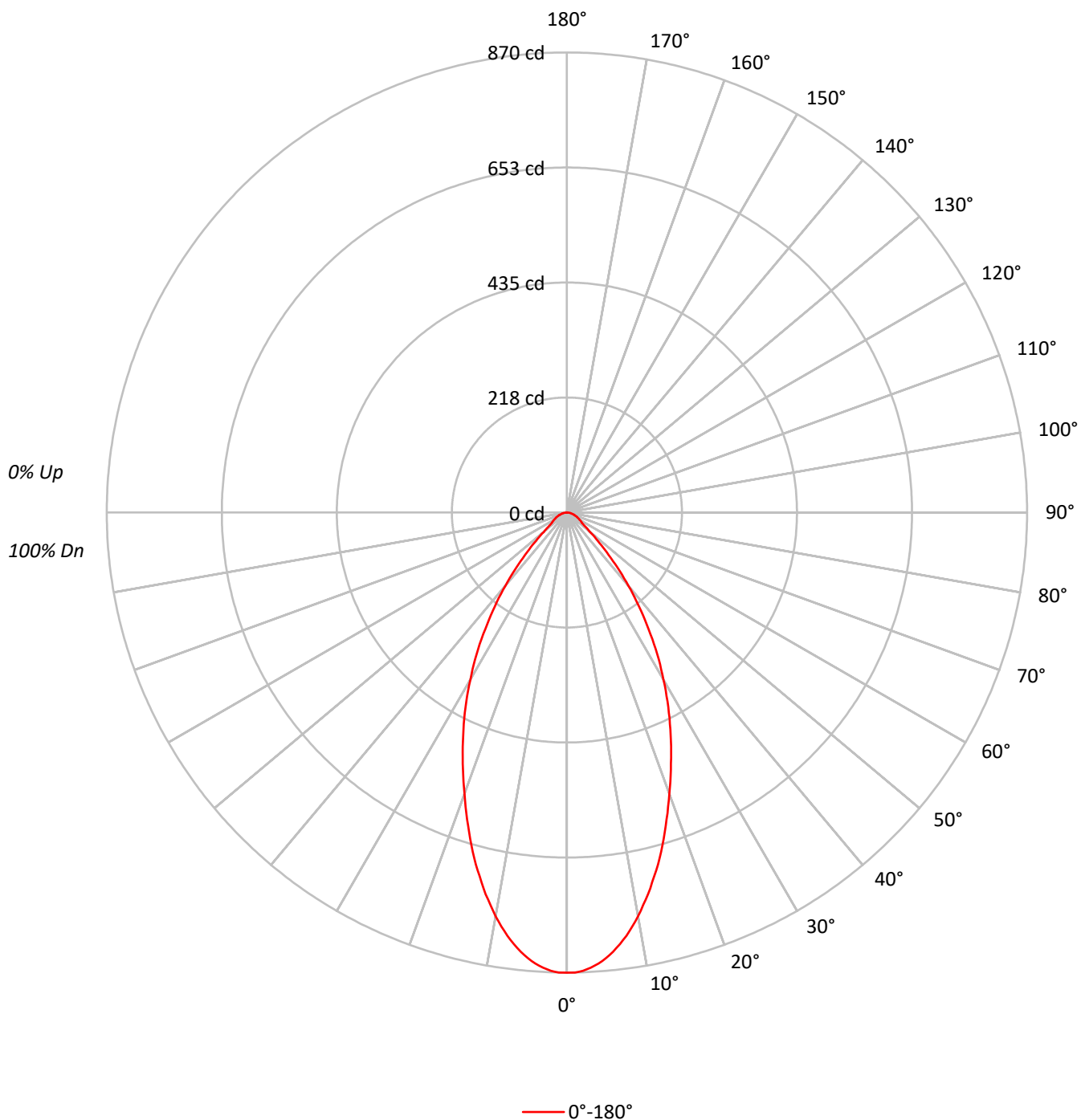
Lumens per Lamp: N/A
Luminaire Lumens: 803.0 lumens
Efficiency: N/A
Efficacy: 27.9 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				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°	190840
5°	186286
10°	172631
15°	153735
20°	132125
25°	112313
30°	92445
35°	72036
40°	51840
45°	32872
50°	19445
55°	13381
60°	12280
65°	11415
70°	10258
75°	9320
80°	8840
85°	7548

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 32872 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.5	9.8
10°-20°	188.0	23.4
20°-30°	212.4	26.5
30°-40°	168.0	20.9
40°-50°	84.9	10.6
50°-60°	34.0	4.2
60°-70°	21.8	2.7
70°-80°	12.0	1.5
80°-90°	3.4	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°	478.9	59.6
0°-40°	647.0	80.6
0°-60°	765.8	95.4
0°-90°	803.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	803.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	870	
5°	846	78
15°	677	188
25°	464	212
35°	269	168
45°	106	85
55°	35	34
65°	22	22
75°	11	12
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	870.3
1°	870.3
2°	867.3
3°	862.3
4°	855.3
5°	846.3
6°	835.3
7°	822.3
8°	808.3
9°	792.3
10°	775.3
11°	756.3
12°	738.3
13°	717.3
14°	697.3
15°	677.2
17.5°	621.2
20°	566.2
22.5°	514.2
25°	464.2
27.5°	415.2
30°	365.1
32.5°	318.1
35°	269.1
37.5°	224.1
40°	181.1
42.5°	141.1
45°	106.0
47.5°	79.0
50°	57.0
52.5°	43.0
55°	35.0
57.5°	32.0
60°	28.0
62.5°	25.0
65°	22.0
67.5°	19.0
70°	16.0
72.5°	14.0
75°	11.0
77.5°	9.0
80°	7.0
82.5°	5.0
85°	3.0
87.5°	1.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)