

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: P1250287

Luminaire Tested: P3AS24R259027D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250287
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R259027D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

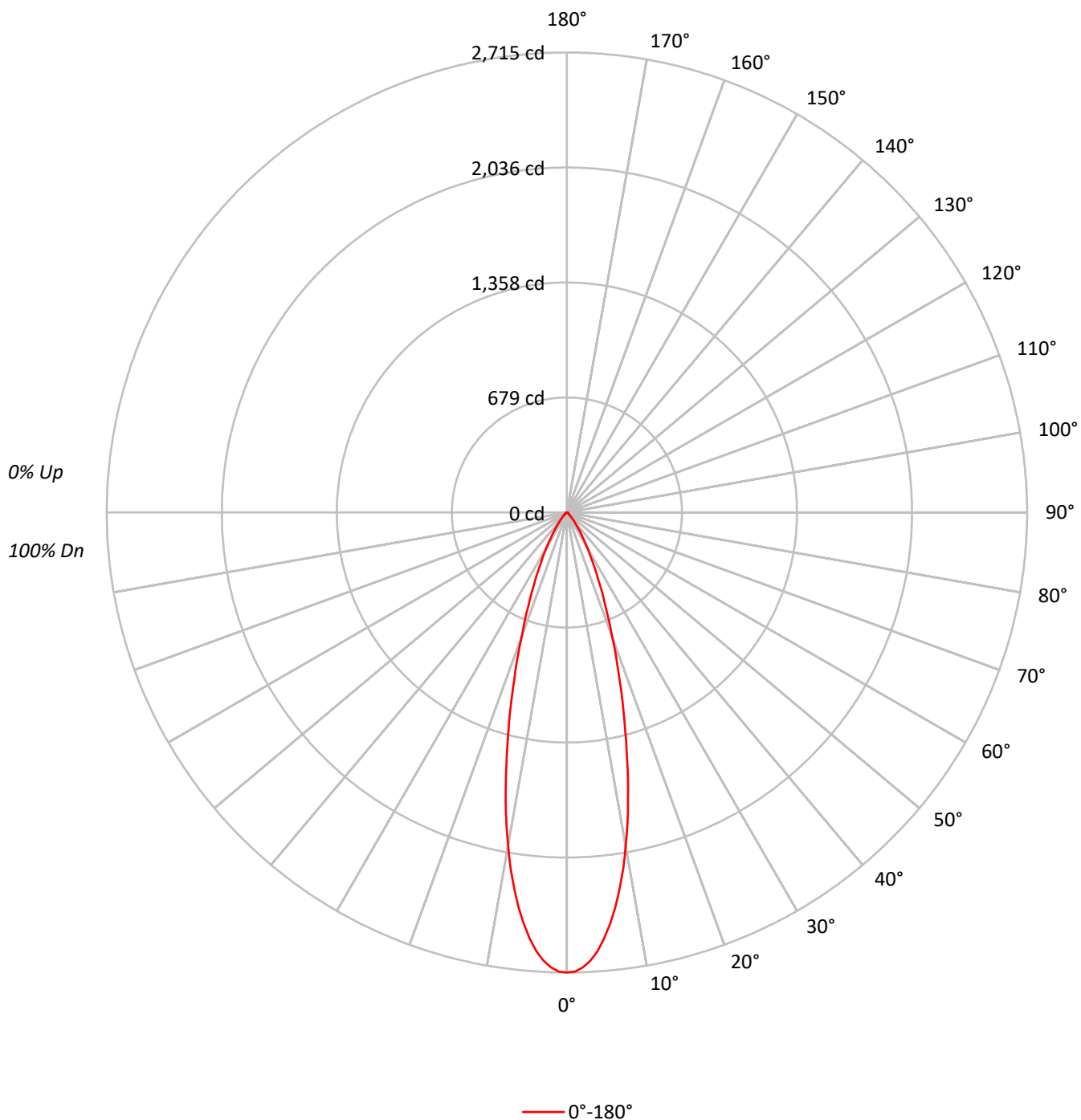
Lumens per Lamp: N/A
Luminaire Lumens: 928.0 lumens
Efficiency: N/A
Efficacy: 32.2 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	86	81	78	84	80	77		83	79	77		82
7	90	83	78	74	89	82	77	74	81	77	74		80	76	73		79
8	87	79	74	71	86	79	74	71	78	74	71		77	73	70		76
9	84	76	71	68	83	76	71	68	75	71	68		74	70	68		73
10	81	73	69	65	80	73	68	65	72	68	65		72	68	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	595281
5°	555380
10°	444904
15°	301999
20°	182739
25°	106869
30°	60845
35°	33462
40°	17776
45°	9365
50°	5458
55°	4052
60°	3508
65°	3684
70°	3398
75°	2965
80°	2273
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9365 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	223.9	24.1
10°-20°	365.7	39.4
20°-30°	209.0	22.5
30°-40°	82.5	8.9
40°-50°	25.3	2.7
50°-60°	10.0	1.1
60°-70°	6.7	0.7
70°-80°	3.7	0.4
80°-90°	1.2	0.1
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°	798.6	86.1
0°-40°	881.1	94.9
0°-60°	916.4	98.7
0°-90°	928.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	928.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2715	
5°	2523	224
15°	1330	366
25°	442	209
35°	125	82
45°	30	25
55°	11	10
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2714.7
1°	2709.4
2°	2687.2
3°	2648.2
4°	2594.1
5°	2523.1
6°	2439.8
7°	2345.7
8°	2236.7
9°	2124.9
10°	1998.1
11°	1873.1
12°	1735.6
13°	1599.9
14°	1460.7
15°	1330.3
17.5°	1031.4
20°	783.1
22.5°	588.0
25°	441.7
27.5°	327.3
30°	240.3
32.5°	173.8
35°	125.0
37.5°	88.7
40°	62.1
42.5°	42.6
45°	30.2
47.5°	21.3
50°	16.0
52.5°	12.4
55°	10.6
57.5°	9.8
60°	8.0
62.5°	7.1
65°	7.1
67.5°	6.2
70°	5.3
72.5°	4.4
75°	3.5
77.5°	2.7
80°	1.8
82.5°	1.8
85°	0.9
87.5°	0.9



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)