

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: P1253026

Luminaire Tested: P3AS24R309030D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253026
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R309030D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

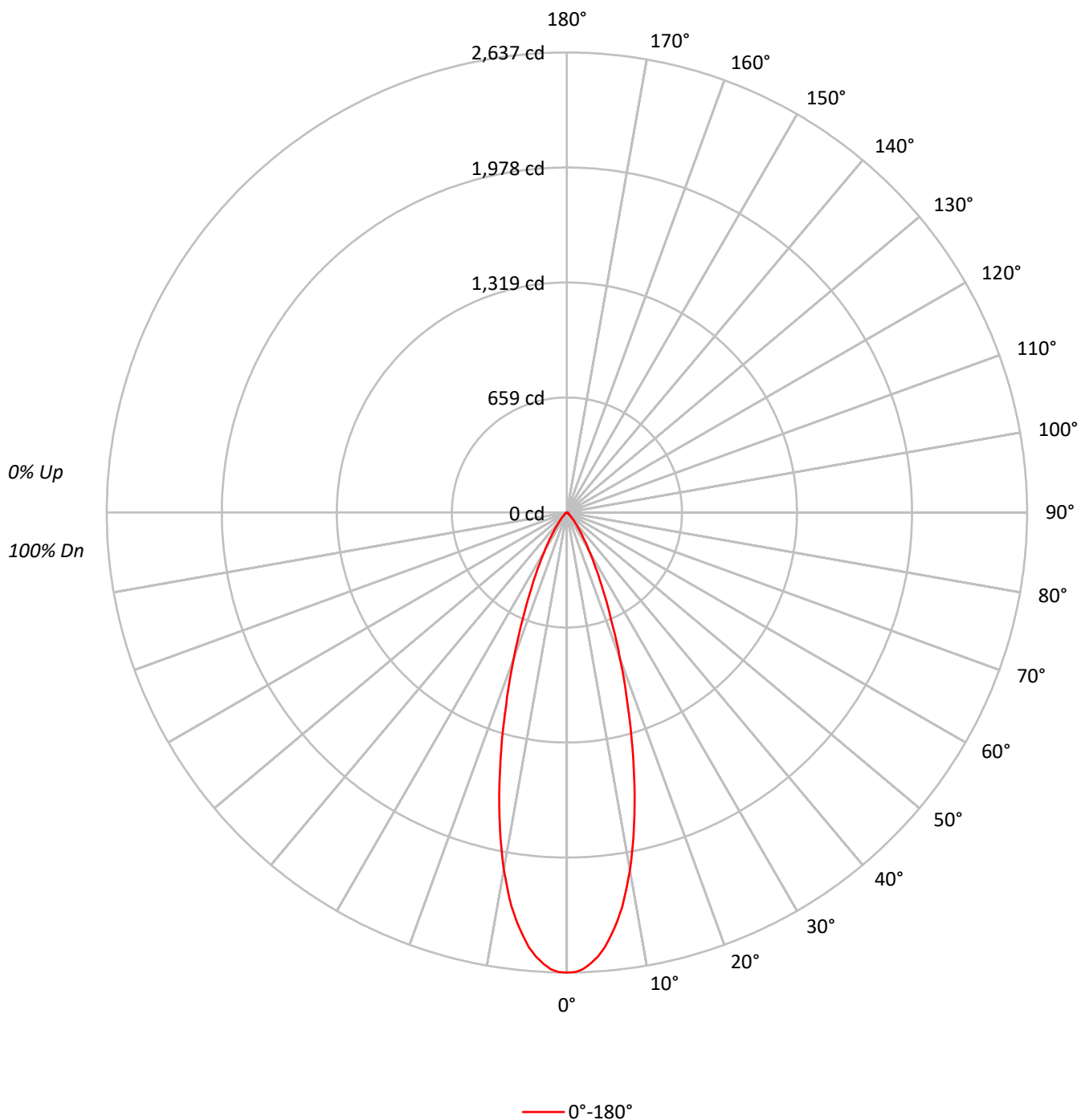
Lumens per Lamp: N/A
Luminaire Lumens: 991.0 lumens
Efficiency: N/A
Efficacy: 34.4 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	85	81	77	84	80	77		83	79	76		81
7	90	82	77	74	89	82	77	74	81	76	73		80	76	73		79
8	87	79	74	71	86	79	74	71	78	73	70		77	73	70		76
9	84	76	71	68	83	75	71	68	75	70	67		74	70	67		73
10	81	73	68	65	80	73	68	65	72	68	65		71	67	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	578287
5°	550406
10°	462962
15°	333873
20°	207101
25°	117781
30°	65428
35°	35576
40°	18749
45°	10172
50°	5424
55°	3594
60°	3289
65°	3424
70°	3013
75°	2372
80°	2399
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10172 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	225.2	22.7
10°-20°	400.2	40.4
20°-30°	231.3	23.3
30°-40°	87.8	8.9
40°-50°	27.0	2.7
50°-60°	9.1	0.9
60°-70°	6.2	0.6
70°-80°	3.3	0.3
80°-90°	1.0	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°	856.7	86.4
0°-40°	944.5	95.3
0°-60°	980.5	98.9
0°-90°	991.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	991.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2637	
5°	2500	225
15°	1471	400
25°	487	231
35°	133	88
45°	33	27
55°	9	9
65°	7	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2637.2
1°	2635.3
2°	2619.4
3°	2589.4
4°	2552.0
5°	2500.5
6°	2435.0
7°	2361.9
8°	2280.5
9°	2183.1
10°	2079.2
11°	1966.9
12°	1848.0
13°	1723.5
14°	1597.1
15°	1470.7
17.5°	1159.9
20°	887.5
22.5°	658.1
25°	486.8
27.5°	353.9
30°	258.4
32.5°	186.3
35°	132.9
37.5°	92.7
40°	65.5
42.5°	45.9
45°	32.8
47.5°	22.5
50°	15.9
52.5°	11.2
55°	9.4
57.5°	8.4
60°	7.5
62.5°	6.6
65°	6.6
67.5°	5.6
70°	4.7
72.5°	3.7
75°	2.8
77.5°	2.8
80°	1.9
82.5°	1.9
85°	0.9
87.5°	0.0



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)