

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: P1253227

Luminaire Tested: P3AS24R659030D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253227
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R659030D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

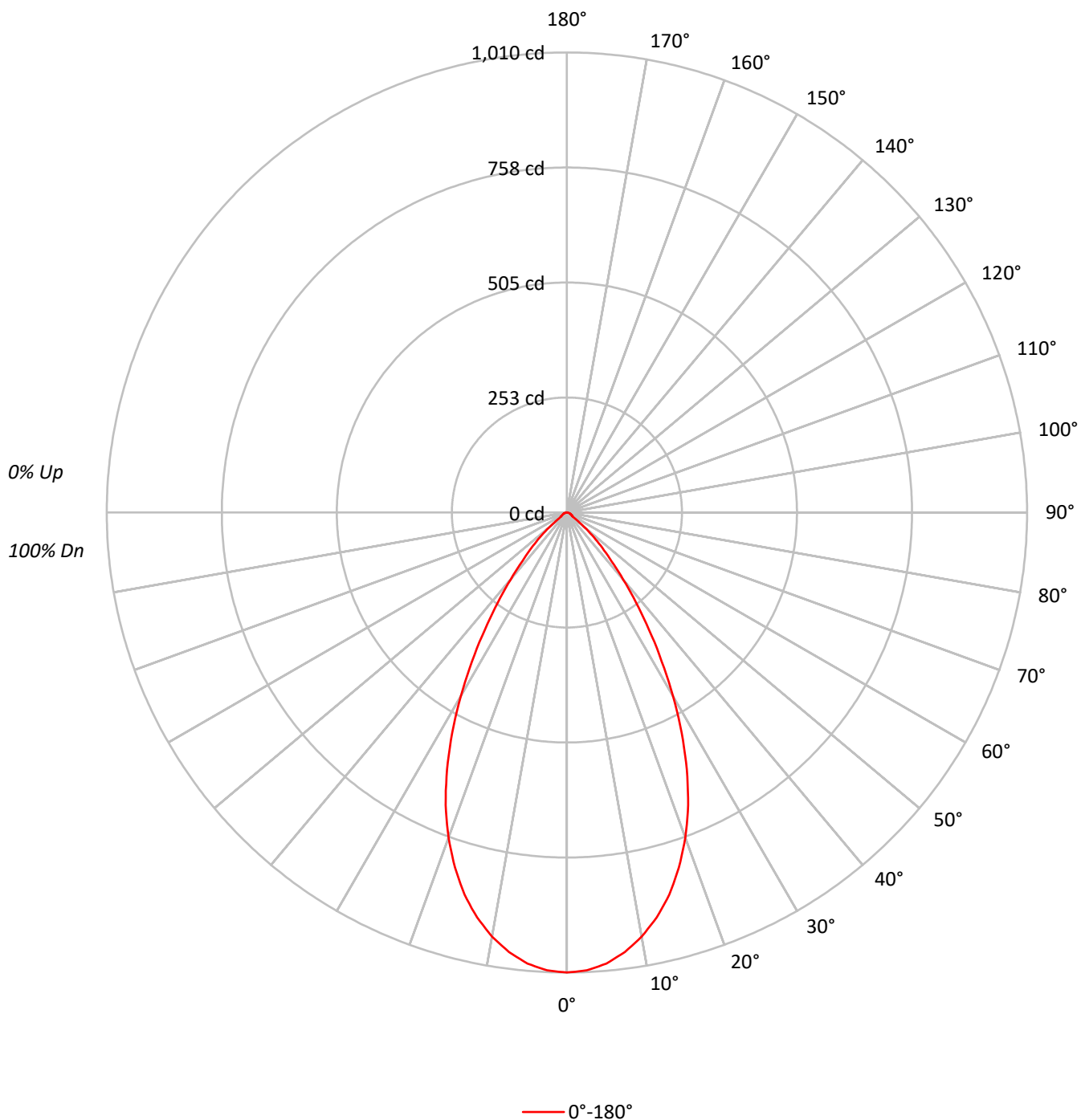
Lumens per Lamp: N/A
Luminaire Lumens: 939.0 lumens
Efficiency: N/A
Efficacy: 32.6 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	110	107	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	84	90	86	83		88	85	82		86
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		81
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	64	61		69	64	60		67
8	77	67	61	57	76	67	61	57	66	60	57		65	60	56		64
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		60
10	70	60	54	50	69	59	54	50	59	53	50		58	53	50		57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	221452
5°	218798
10°	210484
15°	197163
20°	177349
25°	150589
30°	117790
35°	83922
40°	54931
45°	33957
50°	17228
55°	6079
60°	5350
65°	5344
70°	4809
75°	4745
80°	4672
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 33957 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.3	9.9
10°-20°	241.7	25.7
20°-30°	282.5	30.1
30°-40°	197.4	21.0
40°-50°	86.9	9.3
50°-60°	19.3	2.1
60°-70°	9.8	1.0
70°-80°	5.9	0.6
80°-90°	2.0	0.2
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°	617.6	65.8
0°-40°	815.0	86.8
0°-60°	921.2	98.1
0°-90°	939.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	939.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1010	
5°	994	93
15°	868	242
25°	622	282
35°	314	197
45°	110	87
55°	16	19
65°	10	10
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1009.9
2.5°	1006.1
5°	994.0
7.5°	973.4
10°	945.3
12.5°	910.7
15°	868.5
17.5°	817.1
20°	760.0
22.5°	695.4
25°	622.4
27.5°	545.6
30°	465.2
32.5°	387.5
35°	313.5
37.5°	249.0
40°	191.9
42.5°	145.1
45°	109.5
47.5°	80.5
50°	50.5
52.5°	26.2
55°	15.9
57.5°	14.0
60°	12.2
62.5°	11.2
65°	10.3
67.5°	8.4
70°	7.5
72.5°	6.6
75°	5.6
77.5°	4.7
80°	3.7
82.5°	2.8
85°	1.9
87.5°	0.9
90°	0.0

(END OF REPORT)