

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: P1250235

Luminaire Tested: P3AS24R159027D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250235
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R159027D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

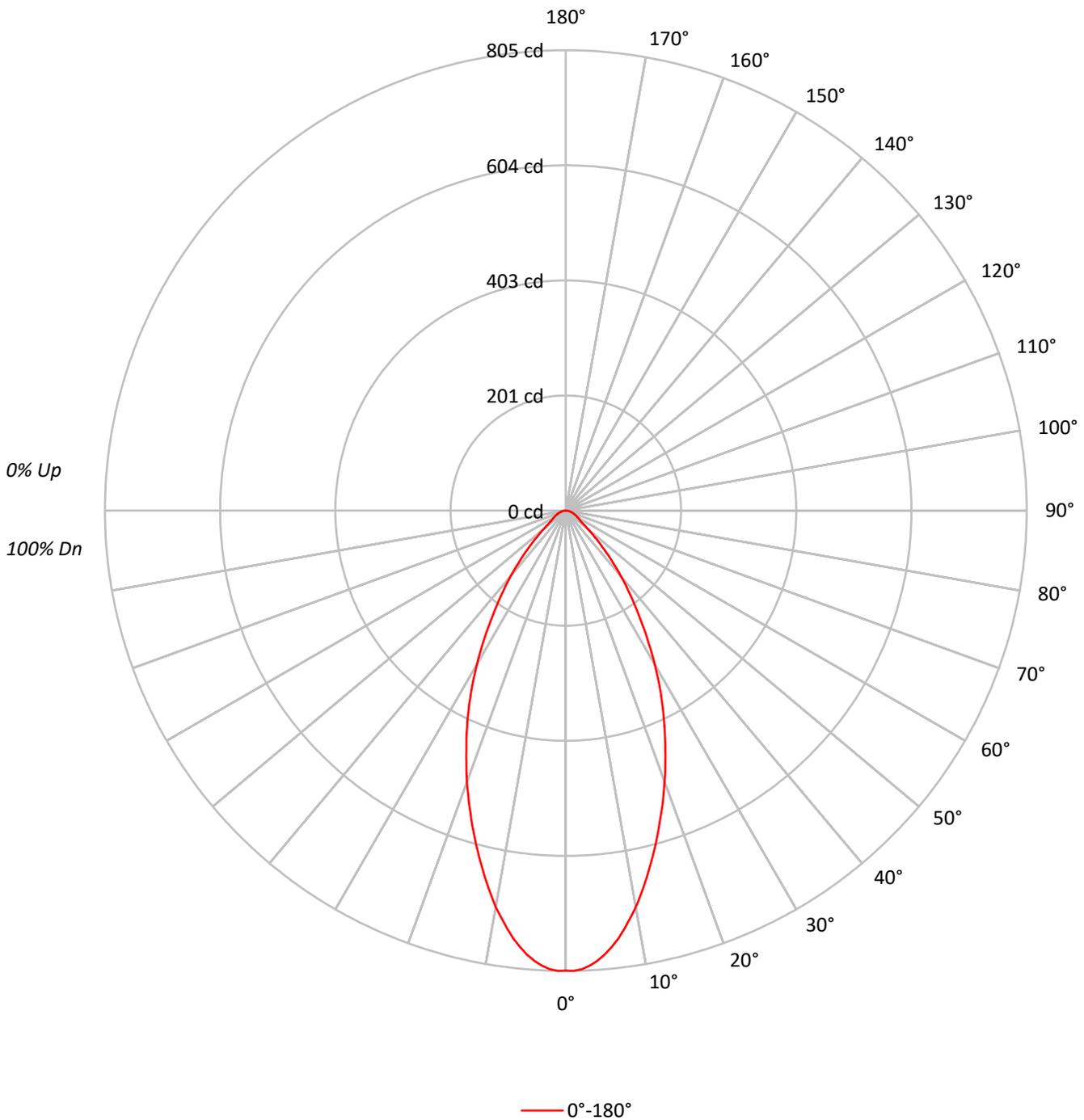
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 699.0 lumens
Efficiency: N/A
Efficacy: 24.3 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.82
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				20	
RC	80				70				50				30				10				0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				100
1	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91				91
2	106	100	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83				83
3	100	93	87	83	98	91	86	82	89	84	81	86	82	79	84	81	78	76				76
4	94	86	80	75	92	85	79	74	82	77	73	80	76	73	78	75	72	70				70
5	89	80	73	68	87	79	73	68	77	72	67	75	70	67	74	69	66	65				65
6	84	74	68	63	83	73	67	63	72	66	62	70	66	62	69	65	61	60				60
7	80	69	63	58	78	69	63	58	67	62	58	66	61	57	65	61	57	56				56
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52				52
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49				49
10	68	58	52	48	67	57	51	47	57	51	47	56	51	47	55	50	47	46				46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	176324
5°	171538
10°	156755
15°	137299
20°	117774
25°	98352
30°	78696
35°	59026
40°	42852
45°	28003
50°	17535
55°	11851
60°	10482
65°	9651
70°	9104
75°	8218
80°	7829
85°	6793

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 28003 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	71.9	10.3
10°-20°	168.5	24.1
20°-30°	185.7	26.6
30°-40°	139.0	19.9
40°-50°	72.1	10.3
50°-60°	29.9	4.3
60°-70°	18.5	2.6
70°-80°	10.4	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°	426.1	61.0
0°-40°	565.1	80.8
0°-60°	667.1	95.4
0°-90°	699.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	699.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	804	
5°	779	72
15°	605	169
25°	406	186
35°	220	139
45°	90	72
55°	31	30
65°	19	19
75°	10	10
85°	3	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	804.1
1°	804.9
2°	802.3
3°	797.0
4°	789.0
5°	779.3
6°	766.9
7°	753.6
8°	737.6
9°	720.8
10°	704.0
12.5°	655.3
15°	604.8
17.5°	554.3
20°	504.7
22.5°	454.3
25°	406.5
27.5°	358.6
30°	310.8
32.5°	263.9
35°	220.5
37.5°	183.3
40°	149.7
42.5°	118.7
45°	90.3
47.5°	68.2
50°	51.4
52.5°	38.1
55°	31.0
57.5°	27.5
60°	23.9
62.5°	21.3
65°	18.6
67.5°	15.9
70°	14.2
72.5°	11.5
75°	9.7
77.5°	8.0
80°	6.2
82.5°	4.4
85°	2.7
87.5°	0.9
90°	0.0

(END OF REPORT)