

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: P1250331

Luminaire Tested: P3AS24R309027D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250331
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R309027D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

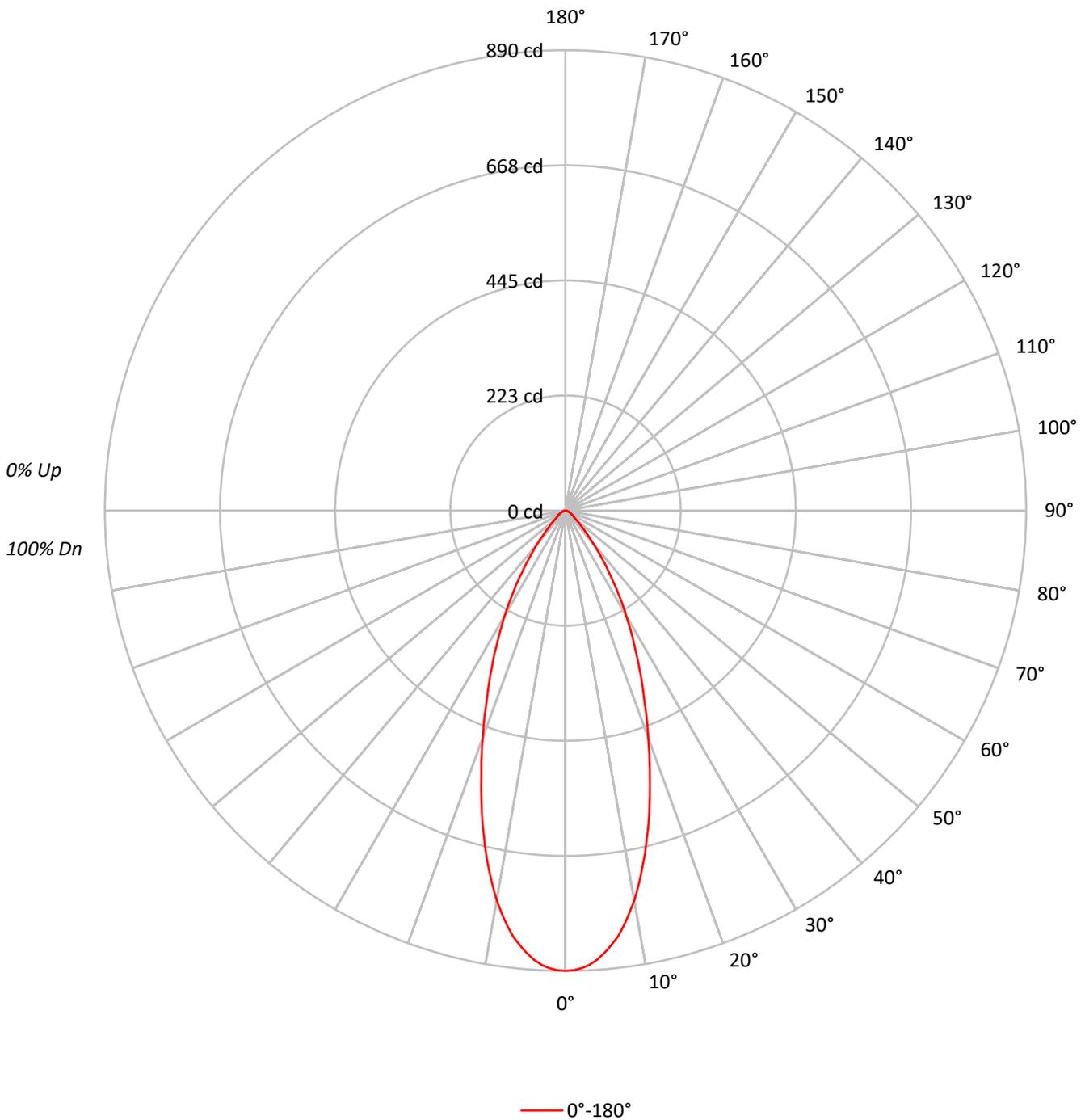
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 571.0 lumens
Efficiency: N/A
Efficacy: 19.8 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
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	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93				93
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86				86
3	102	95	90	86	100	94	89	85	91	87	84	89	86	83	87	84	82	80				80
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74				74
5	92	84	78	73	90	83	77	73	81	76	72	79	75	72	78	74	71	70				70
6	88	79	73	68	86	78	72	68	76	71	68	75	71	67	74	70	67	65				65
7	83	74	68	64	82	74	68	64	72	67	63	71	67	63	70	66	63	61				61
8	80	70	64	60	78	70	64	60	69	63	60	67	63	60	67	62	59	58				58
9	76	67	61	57	75	66	60	57	65	60	56	64	60	56	63	59	56	55				55
10	73	63	58	54	72	63	57	54	62	57	53	61	57	53	60	56	53	52				52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	195116
5°	189038
10°	170338
15°	140909
20°	109093
25°	81827
30°	59402
35°	39592
40°	24331
45°	14265
50°	8767
55°	7111
60°	6228
65°	5033
70°	4552
75°	4490
80°	3410
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 14265 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	79.0	13.8
10°-20°	171.0	29.9
20°-30°	155.5	27.2
30°-40°	94.0	16.5
40°-50°	37.7	6.6
50°-60°	16.7	2.9
60°-70°	10.1	1.8
70°-80°	5.5	1.0
80°-90°	1.6	0.3
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°	405.5	71.0
0°-40°	499.5	87.5
0°-60°	553.9	97.0
0°-90°	571.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	571.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	890	
5°	859	79
15°	621	171
25°	338	156
35°	148	94
45°	46	38
55°	19	17
65°	10	10
75°	5	5
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	889.8
1°	888.9
2°	885.4
3°	879.2
4°	870.3
5°	858.8
6°	844.7
7°	829.6
8°	810.1
9°	788.0
10°	765.0
11°	738.4
12°	710.1
13°	681.8
14°	650.8
15°	620.7
17.5°	541.9
20°	467.5
22.5°	398.4
25°	338.2
27.5°	283.3
30°	234.6
32.5°	189.5
35°	147.9
37.5°	113.3
40°	85.0
42.5°	62.0
45°	46.0
47.5°	34.5
50°	25.7
52.5°	20.4
55°	18.6
57.5°	15.9
60°	14.2
62.5°	11.5
65°	9.7
67.5°	8.9
70°	7.1
72.5°	6.2
75°	5.3
77.5°	4.4
80°	2.7
82.5°	1.8
85°	1.8
87.5°	0.9



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)