

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: P1271407

Luminaire Tested: P3AS05R559827DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271407
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R559827DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 2700K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

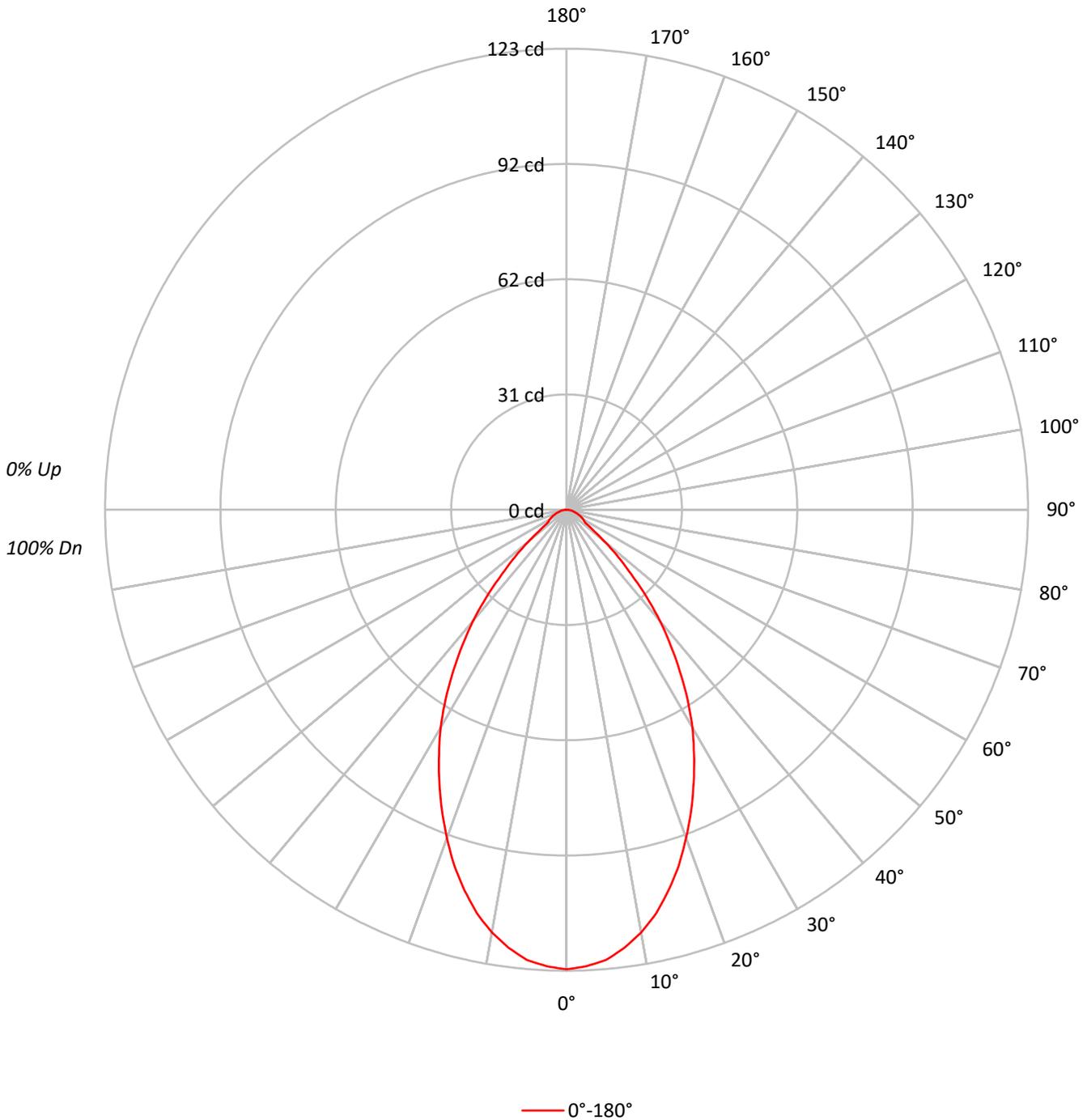
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 143.0 lumens
Efficiency: N/A
Efficacy: 19.9 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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			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	112	109	106	103	110	107	104	102	103	100	98	99	97	96	95	94	93	91			91
2	105	100	95	91	103	98	93	90	94	91	88	91	88	86	89	86	84	82			82
3	99	91	85	81	97	90	84	80	87	82	79	85	81	77	82	79	76	74			74
4	93	84	77	72	91	83	77	72	80	75	71	78	74	70	76	73	69	68			68
5	87	77	71	66	85	76	70	65	75	69	65	73	68	64	71	67	64	62			62
6	82	72	65	60	80	71	64	60	69	64	59	68	63	59	66	62	58	57			57
7	77	67	60	55	76	66	59	55	65	59	54	63	58	54	62	57	54	52			52
8	73	62	55	51	72	62	55	51	60	55	50	59	54	50	58	53	50	48			48
9	69	58	51	47	68	58	51	47	57	51	47	56	50	46	55	50	46	45			45
10	65	55	48	44	64	54	48	44	53	47	43	52	47	43	52	47	43	42			42

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	26884
5°	26546
10°	25495
15°	23859
20°	21749
25°	19404
30°	16990
35°	14107
40°	11107
45°	7536
50°	4605
55°	2370
60°	2237
65°	2127
70°	1923
75°	1694
80°	1768
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 7536 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.3	7.9
10°-20°	29.4	20.5
20°-30°	36.8	25.7
30°-40°	32.8	23.0
40°-50°	19.2	13.4
50°-60°	6.6	4.6
60°-70°	4.0	2.8
70°-80°	2.2	1.5
80°-90°	0.6	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°	77.4	54.2
0°-40°	110.3	77.1
0°-60°	136.1	95.2
0°-90°	143.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	143.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	123	
5°	121	11
15°	105	29
25°	80	37
35°	53	33
45°	24	19
55°	6	7
65°	4	4
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	122.6
2.5°	121.9
5°	120.6
7.5°	117.9
10°	114.5
12.5°	110.3
15°	105.1
17.5°	99.5
20°	93.2
22.5°	86.8
25°	80.2
27.5°	73.6
30°	67.1
32.5°	60.0
35°	52.7
37.5°	45.6
40°	38.8
42.5°	31.6
45°	24.3
47.5°	18.6
50°	13.5
52.5°	8.8
55°	6.2
57.5°	5.6
60°	5.1
62.5°	4.6
65°	4.1
67.5°	3.5
70°	3.0
72.5°	2.5
75°	2.0
77.5°	1.7
80°	1.4
82.5°	0.8
85°	0.5
87.5°	0.3
90°	0.0

(END OF REPORT)