

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: P1261898

Luminaire Tested: P3AS05R309727DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261898
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R309727DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

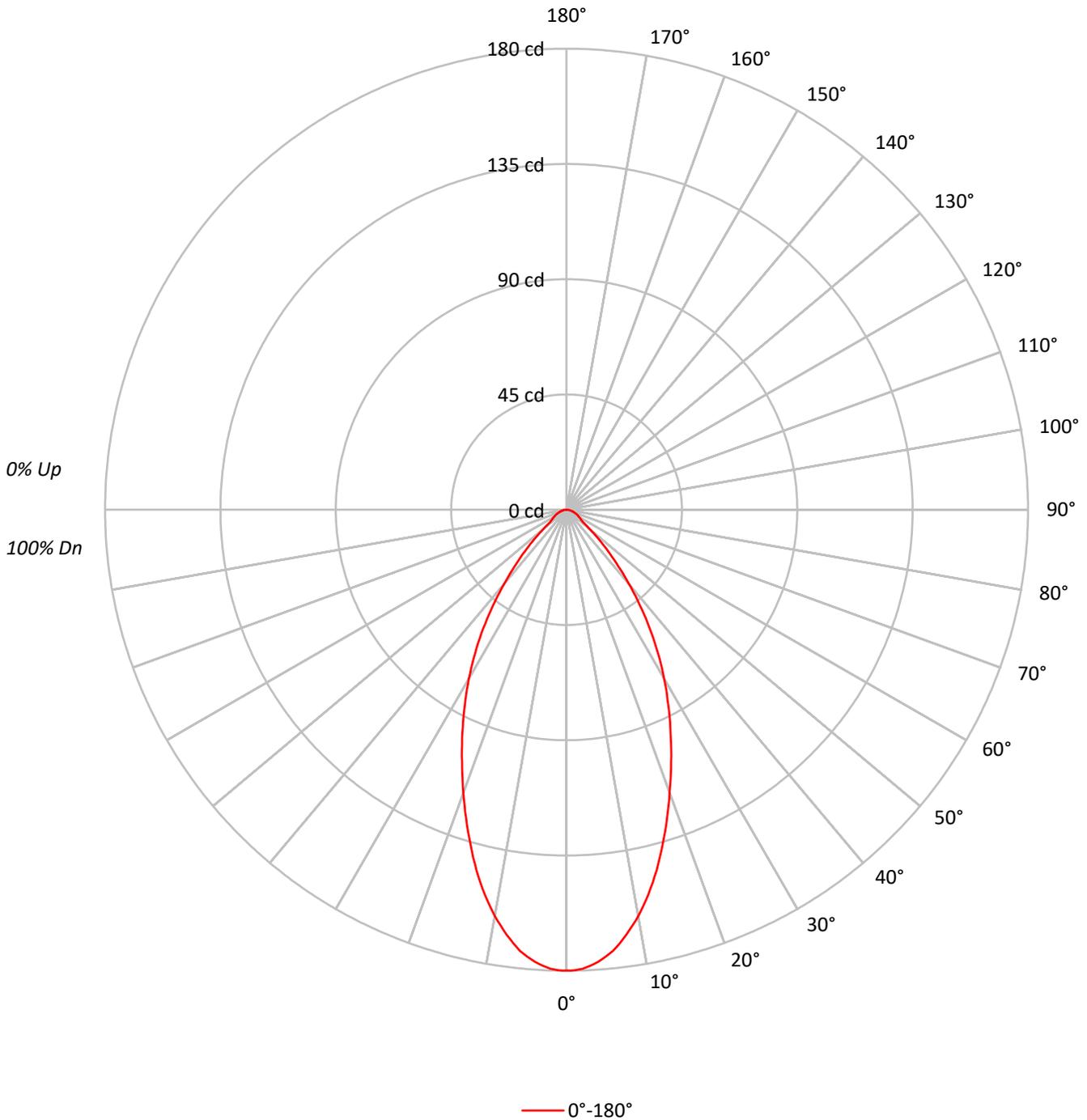
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 167.0 lumens
Efficiency: N/A
Efficacy: 23.2 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
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				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	94	93	91				91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83				83
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	84	80	78	76				76
4	94	85	79	74	92	84	79	74	82	77	73	80	76	72	78	74	71	70				70
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64				64
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59				59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55				55
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51				51
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48				48
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45				45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	39449
5°	38565
10°	35871
15°	31918
20°	27442
25°	23251
30°	19294
35°	15151
40°	10849
45°	7133
50°	4060
55°	2676
60°	2500
65°	2335
70°	2116
75°	1949
80°	1768
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 7133 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.3	9.7
10°-20°	39.1	23.4
20°-30°	44.0	26.4
30°-40°	35.2	21.1
40°-50°	18.1	10.8
50°-60°	6.8	4.1
60°-70°	4.5	2.7
70°-80°	2.4	1.4
80°-90°	0.7	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°	99.4	59.5
0°-40°	134.6	80.6
0°-60°	159.5	95.5
0°-90°	167.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	167.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	180	
5°	175	16
15°	141	39
25°	96	44
35°	57	35
45°	23	18
55°	7	7
65°	4	4
75°	2	2
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	179.9
1°	179.9
2°	179.3
3°	178.3
4°	176.9
5°	175.2
6°	173.2
7°	170.5
8°	167.6
9°	164.4
10°	161.1
11°	157.4
12°	153.5
13°	149.4
14°	145.1
15°	140.6
17.5°	129.1
20°	117.6
22.5°	106.6
25°	96.1
27.5°	85.9
30°	76.2
32.5°	66.4
35°	56.6
37.5°	46.9
40°	37.9
42.5°	29.9
45°	23.0
47.5°	17.0
50°	11.9
52.5°	8.4
55°	7.0
57.5°	6.4
60°	5.7
62.5°	5.1
65°	4.5
67.5°	3.9
70°	3.3
72.5°	2.7
75°	2.3
77.5°	1.8
80°	1.4
82.5°	1.0
85°	0.6
87.5°	0.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)