

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: P1246106

Luminaire Tested: P3AS05R309024DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246106
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: P3AS05R309024DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 2400K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

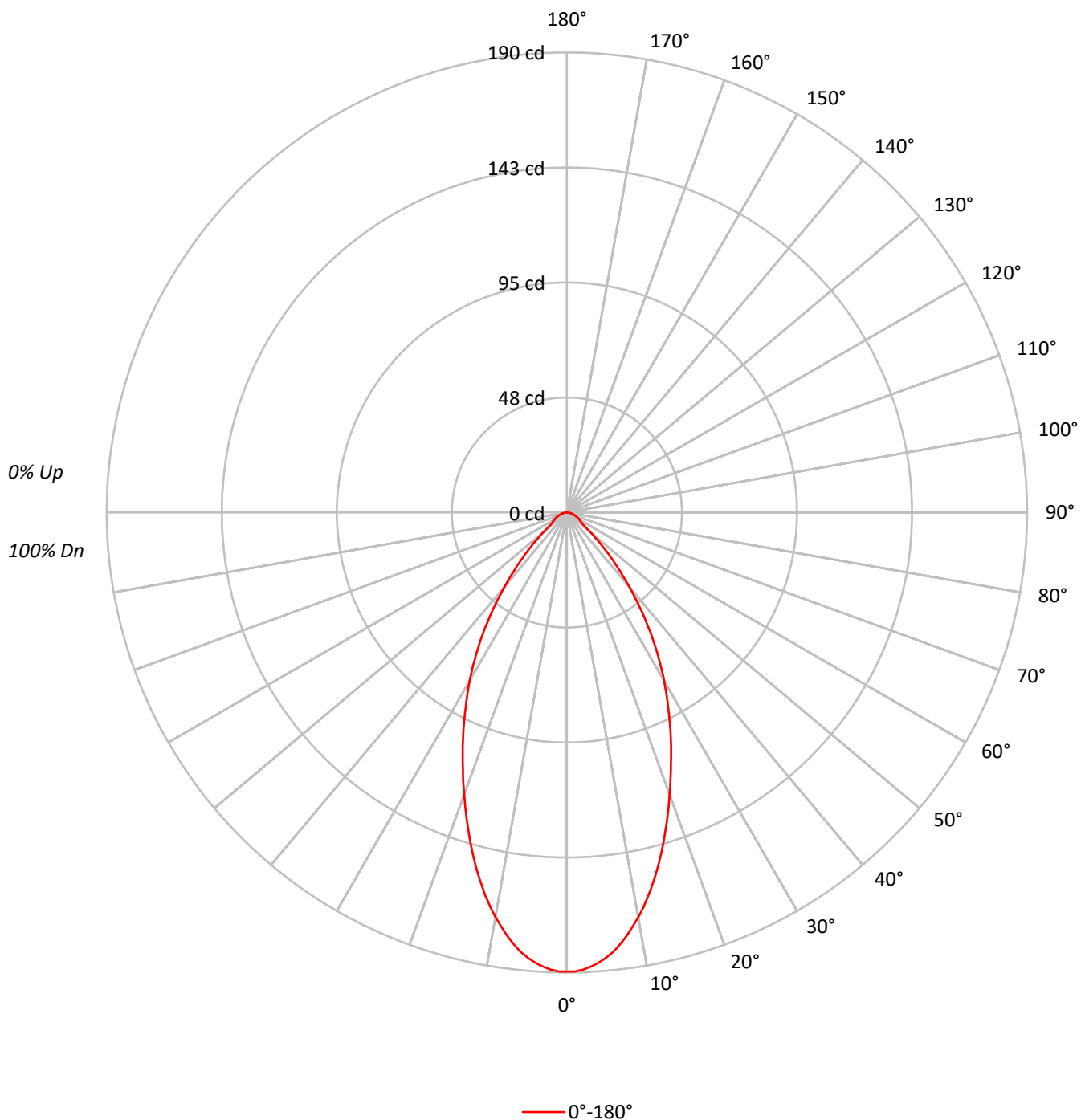
Lumens per Lamp: N/A
Luminaire Lumens: 176.0 lumens
Efficiency: N/A
Efficacy: 24.4 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RC	80				70				50				30				0
RW	70	50	30	10	70	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		100
1	113	109	106	104	110	107	105	102	103	101	99		99	98	96		91
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		83
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		76
4	94	86	79	74	92	84	79	74	82	77	73		80	76	72		70
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		64
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		59
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		55
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		51
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		48
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	41576
5°	40656
10°	37808
15°	33644
20°	28936
25°	24509
30°	20332
35°	15954
40°	11450
45°	7505
50°	4264
55°	2791
60°	2631
65°	2491
70°	2244
75°	2033
80°	1894
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7505 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.1	9.7
10°-20°	41.2	23.4
20°-30°	46.4	26.4
30°-40°	37.1	21.1
40°-50°	19.0	10.8
50°-60°	7.2	4.1
60°-70°	4.7	2.7
70°-80°	2.5	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°	104.8	59.5
0°-40°	141.8	80.6
0°-60°	168.0	95.5
0°-90°	176.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	176.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	190	
5°	185	17
15°	148	41
25°	101	46
35°	60	37
45°	24	19
55°	7	7
65°	5	5
75°	2	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	189.6
1°	189.6
2°	189.0
3°	187.9
4°	186.4
5°	184.7
6°	182.5
7°	179.7
8°	176.7
9°	173.2
10°	169.8
11°	165.9
12°	161.8
13°	157.4
14°	152.9
15°	148.2
17.5°	136.1
20°	124.0
22.5°	112.3
25°	101.3
27.5°	90.5
30°	80.3
32.5°	70.0
35°	59.6
37.5°	49.5
40°	40.0
42.5°	31.5
45°	24.2
47.5°	17.9
50°	12.5
52.5°	8.9
55°	7.3
57.5°	6.7
60°	6.0
62.5°	5.4
65°	4.8
67.5°	4.1
70°	3.5
72.5°	2.8
75°	2.4
77.5°	1.9
80°	1.5
82.5°	1.1
85°	0.6
87.5°	0.2



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)