

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: P1252403

Luminaire Tested: P3AS17R409030DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252403
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R409030DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

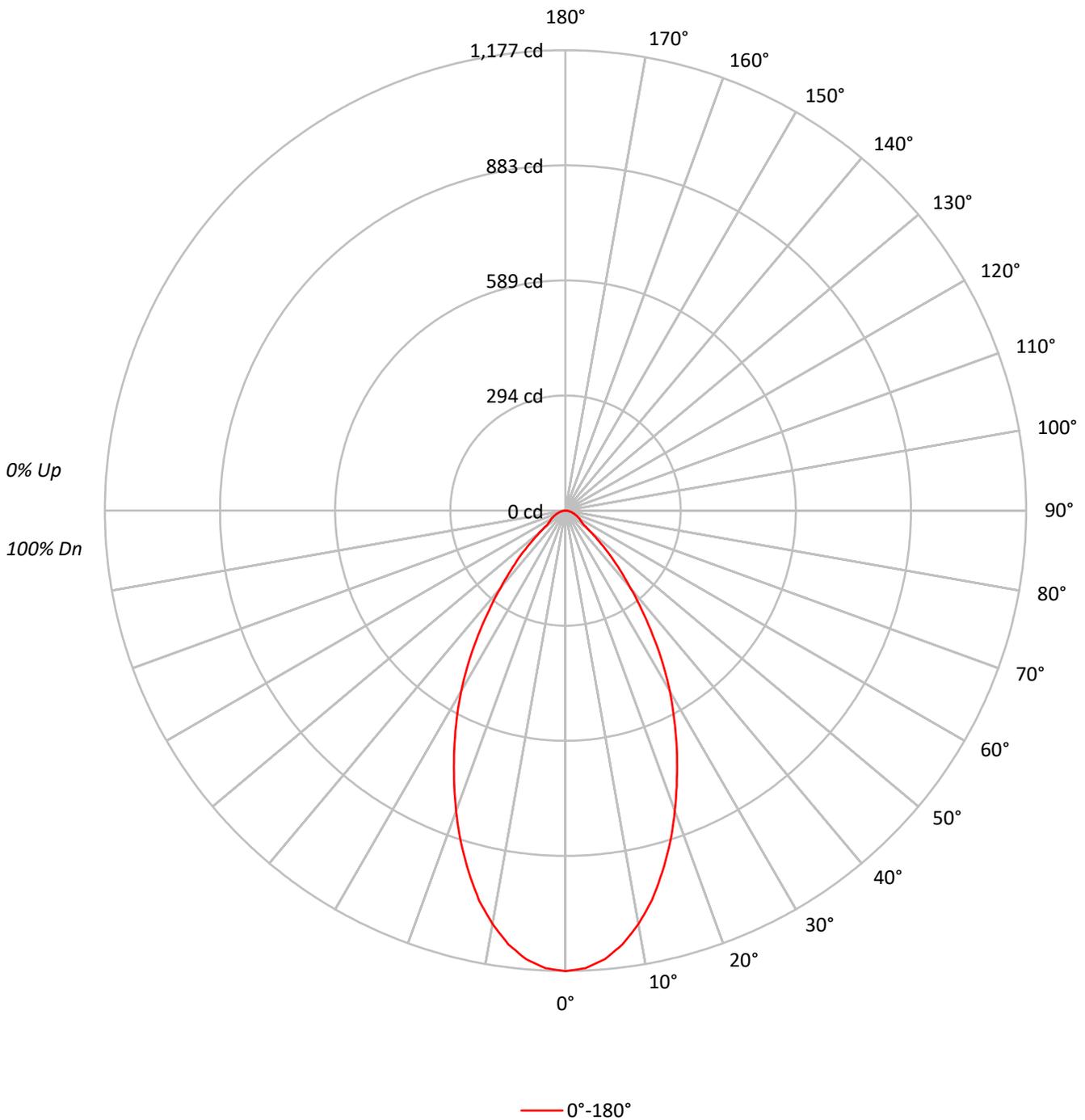
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1150.1 lumens
Efficiency: N/A
Efficacy: 54.2 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91			91
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83			83
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76			76
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69			69
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64			64
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59			59
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55			55
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51			51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48			48
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45			45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	258159
5°	253466
10°	238918
15°	217027
20°	190650
25°	162808
30°	134882
35°	104025
40°	74024
45°	49866
50°	27223
55°	19192
60°	18069
65°	16707
70°	14874
75°	14149
80°	11365
85°	9812

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 49866 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	107.4	9.3
10°-20°	266.3	23.2
20°-30°	307.8	26.8
30°-40°	242.6	21.1
40°-50°	124.5	10.8
50°-60°	47.6	4.1
60°-70°	31.5	2.7
70°-80°	17.1	1.5
80°-90°	5.1	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°	681.5	59.3
0°-40°	924.2	80.4
0°-60°	1096.3	95.3
0°-90°	1150.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1150.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1177	
5°	1152	107
15°	956	266
25°	673	308
35°	389	243
45°	161	125
55°	50	48
65°	32	32
75°	17	17
85°	4	5
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1177.3
2.5°	1170.8
5°	1151.5
7.5°	1118.1
10°	1073.0
12.5°	1020.3
15°	956.0
17.5°	889.1
20°	817.0
22.5°	743.7
25°	672.9
27.5°	602.1
30°	532.7
32.5°	461.9
35°	388.6
37.5°	320.4
40°	258.6
42.5°	205.9
45°	160.8
47.5°	117.1
50°	79.8
52.5°	57.9
55°	50.2
57.5°	45.0
60°	41.2
62.5°	36.0
65°	32.2
67.5°	27.0
70°	23.2
72.5°	19.3
75°	16.7
77.5°	12.9
80°	9.0
82.5°	7.7
85°	3.9
87.5°	2.6
90°	0.0

(END OF REPORT)