

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: P1260091

Luminaire Tested: P3AS13R509050DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260091
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R509050DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R50 optic, 5000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

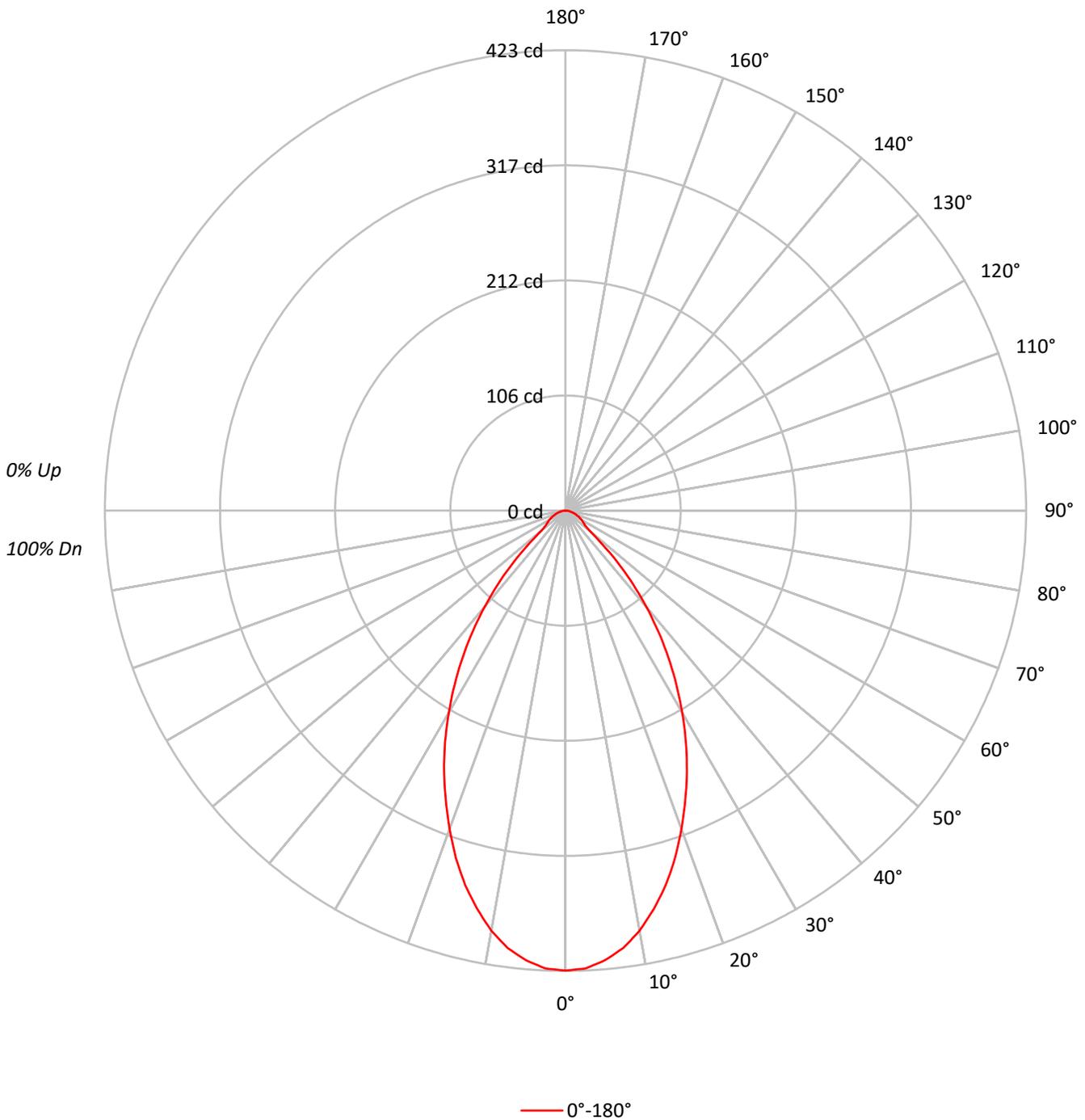
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 456.0 lumens
Efficiency: N/A
Efficacy: 31.2 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	112	109	106	103	110	107	104	102	103	101	99	99	97	96	95	94	93	91				91
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	86	84	83				83
3	99	92	86	81	97	90	85	81	88	83	79	85	81	78	83	80	77	75				75
4	93	85	78	73	91	83	77	73	81	76	72	79	75	71	77	73	70	69				69
5	88	78	72	67	86	77	71	66	75	70	66	74	69	65	72	68	64	63				63
6	83	73	66	61	81	72	65	61	70	65	60	69	64	60	67	63	59	58				58
7	78	68	61	56	77	67	61	56	66	60	56	64	59	55	63	59	55	53				53
8	74	63	57	52	73	63	56	52	61	56	52	60	55	51	59	55	51	50				50
9	70	59	53	48	69	59	52	48	58	52	48	57	52	48	56	51	48	46				46
10	66	56	49	45	65	55	49	45	54	49	45	54	48	45	53	48	45	43				43

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	92668
5°	91305
10°	87262
15°	80818
20°	72620
25°	63850
30°	54287
35°	44035
40°	33062
45°	21305
50°	10132
55°	7952
60°	7543
65°	7005
70°	6347
75°	5761
80°	5304
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 21305 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.9	8.5
10°-20°	99.2	21.8
20°-30°	120.6	26.4
30°-40°	102.3	22.4
40°-50°	53.1	11.6
50°-60°	19.2	4.2
60°-70°	13.2	2.9
70°-80°	7.2	1.6
80°-90°	2.3	0.5
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°	258.7	56.7
0°-40°	361.0	79.2
0°-60°	433.3	95.0
0°-90°	456.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	456.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	423	
5°	415	39
15°	356	99
25°	264	121
35°	164	102
45°	69	53
55°	21	19
65°	14	13
75°	7	7
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	422.6
2.5°	421.0
5°	414.8
7.5°	405.4
10°	391.9
12.5°	374.7
15°	356.0
17.5°	334.6
20°	311.2
22.5°	287.3
25°	263.9
27.5°	239.4
30°	214.4
32.5°	189.4
35°	164.5
37.5°	140.0
40°	115.5
42.5°	92.1
45°	68.7
47.5°	45.8
50°	29.7
52.5°	22.9
55°	20.8
57.5°	18.7
60°	17.2
62.5°	15.1
65°	13.5
67.5°	11.4
70°	9.9
72.5°	8.3
75°	6.8
77.5°	5.2
80°	4.2
82.5°	3.1
85°	2.1
87.5°	1.0
90°	0.0

(END OF REPORT)