

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: P1259971

Luminaire Tested: P3AS13R309050DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259971
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R309050DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 5000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

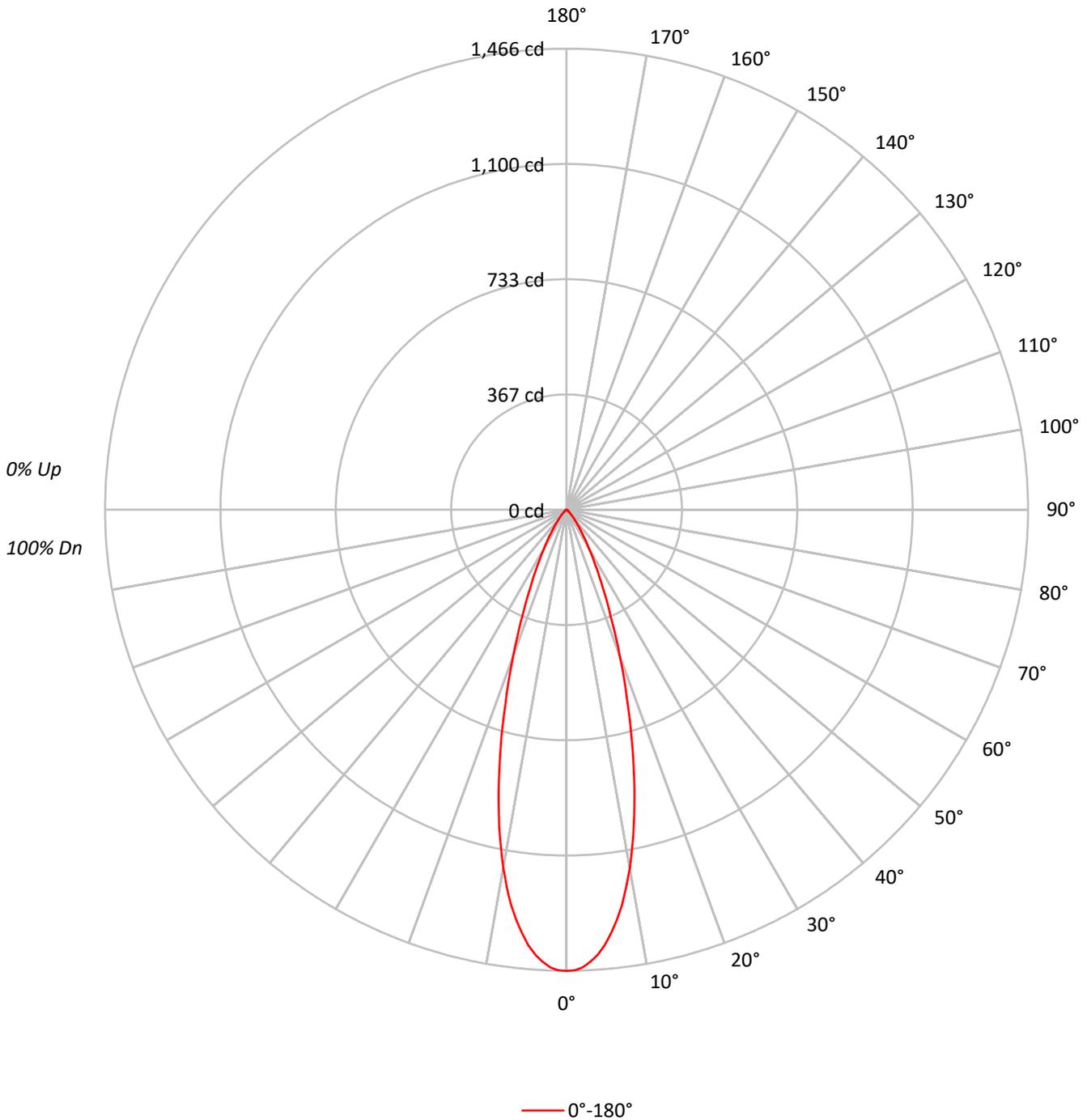
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 551.0 lumens
Efficiency: N/A
Efficacy: 37.7 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
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	102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	97	97	97	95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	92	92	92	90
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	87	87	87	86
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	83	83	83	82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	79	79	79	78
6	94	86	81	78	92	85	81	77	84	80	77	83	79	76	81	78	76	76	76	76	75
7	90	82	77	74	89	82	77	74	81	76	73	80	76	73	79	75	73	73	73	73	71
8	87	79	74	71	86	79	74	71	78	73	70	77	73	70	76	72	70	70	70	70	69
9	84	76	71	68	83	75	71	68	75	70	67	74	70	67	73	70	67	67	67	67	66
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	65	65	65	63

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	321531
5°	306030
10°	257421
15°	185631
20°	115137
25°	65496
30°	36385
35°	19782
40°	10420
45°	5644
50°	3002
55°	1988
60°	1842
65°	1868
70°	1667
75°	1356
80°	1263
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 5644 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	125.2	22.7
10°-20°	222.5	40.4
20°-30°	128.6	23.3
30°-40°	48.8	8.9
40°-50°	15.0	2.7
50°-60°	5.0	0.9
60°-70°	3.4	0.6
70°-80°	1.9	0.3
80°-90°	0.5	0.1
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°	476.3	86.5
0°-40°	525.1	95.3
0°-60°	545.1	98.9
0°-90°	551.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	551.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1466	
5°	1390	125
15°	818	223
25°	271	129
35°	74	49
45°	18	15
55°	5	5
65°	4	3
75°	2	2
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1466.3
1°	1465.2
2°	1456.4
3°	1439.7
4°	1418.9
5°	1390.3
6°	1353.8
7°	1313.2
8°	1268.0
9°	1213.8
10°	1156.1
11°	1093.6
12°	1027.5
13°	958.3
14°	888.0
15°	817.7
17.5°	644.9
20°	493.4
22.5°	365.9
25°	270.7
27.5°	196.8
30°	143.7
32.5°	103.6
35°	73.9
37.5°	51.5
40°	36.4
42.5°	25.5
45°	18.2
47.5°	12.5
50°	8.8
52.5°	6.2
55°	5.2
57.5°	4.7
60°	4.2
62.5°	3.6
65°	3.6
67.5°	3.1
70°	2.6
72.5°	2.1
75°	1.6
77.5°	1.6
80°	1.0
82.5°	1.0
85°	0.5
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)