

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: P1266996

Luminaire Tested: P3A09R259735DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266996
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R259735DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

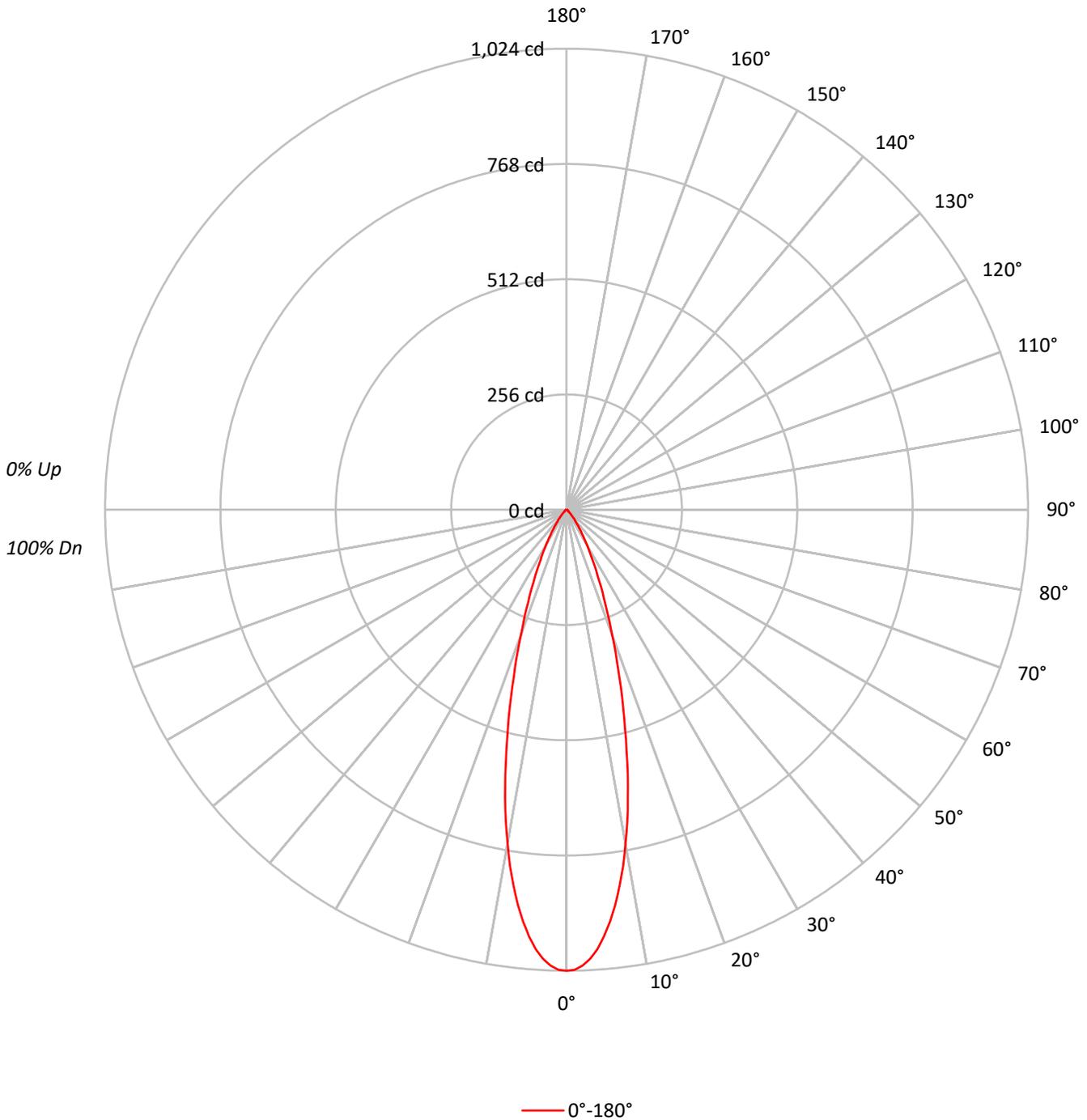
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 350.0 lumens
Efficiency: N/A
Efficacy: 31.5 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
Input Voltage (V): NR
Input Current (A_{in}): 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	86	81	78	84	80	77	83	79	77	82	78	76	76	76	76	75
7	90	83	78	74	89	82	77	74	81	77	74	80	76	73	79	75	73	73	73	73	72
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70	70	70	70	69
9	84	76	71	68	83	76	71	68	75	71	68	74	70	68	73	70	67	67	67	67	66
10	81	73	69	65	80	73	68	65	72	68	65	72	68	65	71	67	65	65	65	65	64

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	224521
5°	209465
10°	167799
15°	113894
20°	68909
25°	40309
30°	22940
35°	12635
40°	6698
45°	3535
50°	2047
55°	1529
60°	1316
65°	1401
70°	1282
75°	1101
80°	884
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 3535 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	84.4	24.1
10°-20°	137.9	39.4
20°-30°	78.8	22.5
30°-40°	31.1	8.9
40°-50°	9.5	2.7
50°-60°	3.8	1.1
60°-70°	2.5	0.7
70°-80°	1.4	0.4
80°-90°	0.4	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°	301.2	86.1
0°-40°	332.3	94.9
0°-60°	345.6	98.7
0°-90°	350.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	350.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1024	
5°	952	84
15°	502	138
25°	167	79
35°	47	31
45°	11	10
55°	4	4
65°	3	3
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1023.9
1°	1021.8
2°	1013.5
3°	998.8
4°	978.4
5°	951.6
6°	920.2
7°	884.7
8°	843.6
9°	801.4
10°	753.6
11°	706.4
12°	654.6
13°	603.4
14°	550.9
15°	501.7
17.5°	389.0
20°	295.3
22.5°	221.8
25°	166.6
27.5°	123.4
30°	90.6
32.5°	65.6
35°	47.2
37.5°	33.4
40°	23.4
42.5°	16.1
45°	11.4
47.5°	8.0
50°	6.0
52.5°	4.7
55°	4.0
57.5°	3.7
60°	3.0
62.5°	2.7
65°	2.7
67.5°	2.3
70°	2.0
72.5°	1.7
75°	1.3
77.5°	1.0
80°	0.7
82.5°	0.7
85°	0.3
87.5°	0.3



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)