

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: P1271643

Luminaire Tested: P3AS09R359827DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271643
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R359827DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

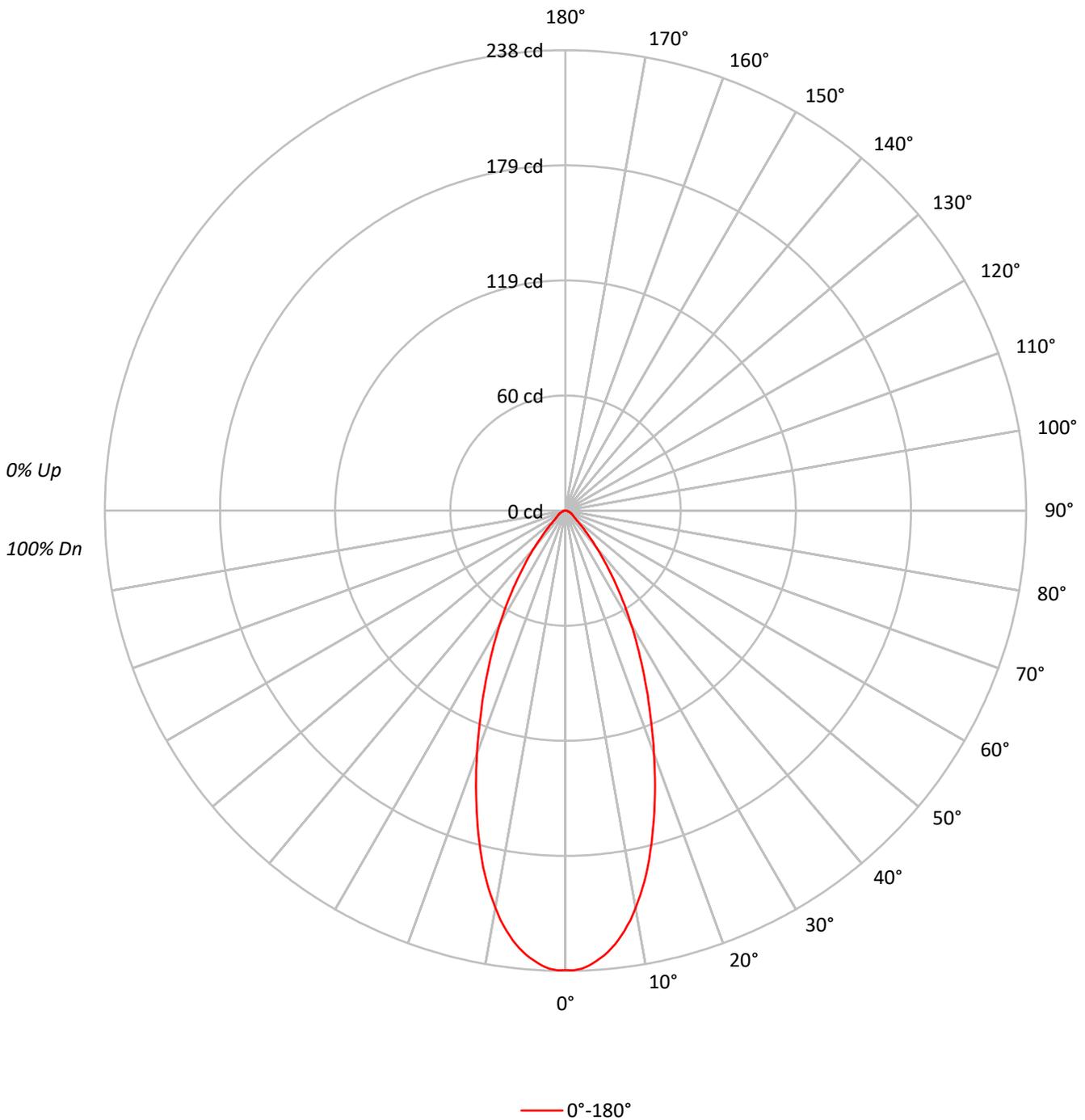
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 161.9 lumens
Efficiency: N/A
Efficacy: 14.7 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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	100				100
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93				93
2	107	102	98	94	105	100	97	93	97	94	91	94	92	89	91	89	88	86				86
3	102	95	90	86	100	94	89	85	91	87	84	89	85	82	86	84	81	80				80
4	97	89	83	79	95	88	82	78	86	81	77	84	80	77	82	78	76	74				74
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	69				69
6	87	78	72	68	86	77	72	68	76	71	67	75	70	67	73	69	66	65				65
7	83	74	68	63	82	73	67	63	72	67	63	71	66	63	69	65	62	61				61
8	79	70	64	60	78	69	63	60	68	63	59	67	62	59	66	62	59	57				57
9	76	66	60	56	75	66	60	56	65	59	56	64	59	56	63	59	56	54				54
10	72	63	57	53	71	62	57	53	61	56	53	61	56	53	60	56	53	51				51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	52079
5°	50781
10°	46425
15°	39410
20°	31199
25°	23590
30°	17167
35°	11618
40°	7128
45°	4093
50°	2456
55°	1988
60°	1754
65°	1557
70°	1282
75°	1271
80°	1263
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 4093 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.3	13.2
10°-20°	47.9	29.6
20°-30°	44.8	27.6
30°-40°	27.4	16.9
40°-50°	10.8	6.7
50°-60°	4.8	2.9
60°-70°	3.0	1.8
70°-80°	1.6	1.0
80°-90°	0.5	0.3
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°	114.0	70.4
0°-40°	141.4	87.3
0°-60°	156.9	96.9
0°-90°	161.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	161.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	238	
5°	231	21
15°	174	48
25°	98	45
35°	43	27
45°	13	11
55°	5	5
65°	3	3
75°	2	2
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	237.5
1°	237.7
2°	237.0
3°	235.5
4°	233.2
5°	230.7
6°	227.5
7°	223.7
8°	219.3
9°	214.3
10°	208.5
11°	202.5
12°	196.1
13°	189.1
14°	181.3
15°	173.6
17.5°	153.7
20°	133.7
22.5°	114.5
25°	97.5
27.5°	81.8
30°	67.8
32.5°	54.9
35°	43.4
37.5°	33.2
40°	24.9
42.5°	18.0
45°	13.2
47.5°	9.5
50°	7.2
52.5°	6.0
55°	5.2
57.5°	4.5
60°	4.0
62.5°	3.5
65°	3.0
67.5°	2.5
70°	2.0
72.5°	1.7
75°	1.5
77.5°	1.2
80°	1.0
82.5°	0.7
85°	0.5
87.5°	0.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)