

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: P1275665

Luminaire Tested: P3AS09R159835DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275665
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R159835DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

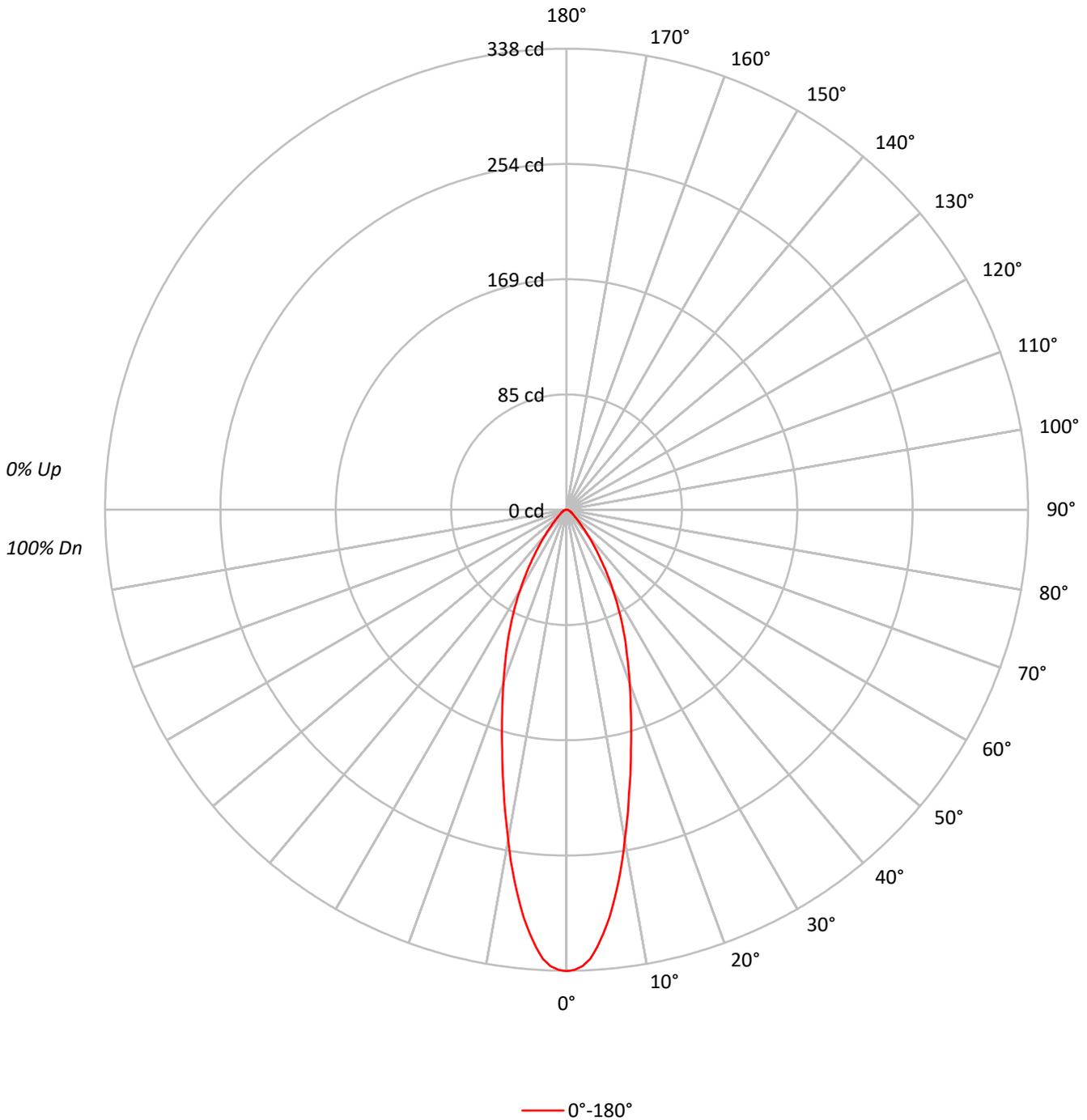
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 172.0 lumens
Efficiency: N/A
Efficacy: 15.6 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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	100	100
1	113	110	108	106	111	108	106	104	104	102	101	100	99	98	97	96	95	93	93	93	93
2	108	103	98	95	105	101	97	94	98	95	92	95	92	90	92	90	88	86	86	86	86
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	84	82	80	80	80	80
4	97	90	84	80	95	88	83	79	86	82	78	84	81	78	82	79	77	75	75	75	75
5	93	84	78	74	91	83	78	74	81	77	73	80	76	72	78	75	72	70	70	70	70
6	88	79	73	69	87	79	73	69	77	72	69	76	71	68	74	71	68	66	66	66	66
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	71	67	64	62	62	62	62
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	67	63	60	59	59	59	59
9	77	68	62	58	76	67	62	58	66	61	58	65	61	57	64	60	57	56	56	56	56
10	74	64	59	55	73	64	59	55	63	58	55	62	58	55	62	57	54	53	53	53	53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	74161
5°	68545
10°	54731
15°	41340
20°	31479
25°	24001
30°	17193
35°	11216
40°	6870
45°	4155
50°	2763
55°	2141
60°	1842
65°	1608
70°	1410
75°	1440
80°	1010
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 4155 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.6	16.0
10°-20°	50.9	29.6
20°-30°	45.3	26.4
30°-40°	26.8	15.6
40°-50°	11.0	6.4
50°-60°	5.2	3.0
60°-70°	3.1	1.8
70°-80°	1.7	1.0
80°-90°	0.4	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°	123.8	72.0
0°-40°	150.6	87.6
0°-60°	166.8	97.0
0°-90°	172.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	172.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	338	
5°	311	28
15°	182	51
25°	99	45
35°	42	27
45°	13	11
55°	6	5
65°	3	3
75°	2	2
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	338.2
1°	337.4
2°	334.9
3°	329.9
4°	321.5
5°	311.4
6°	300.5
7°	287.7
8°	274.3
9°	260.6
10°	245.8
12.5°	212.0
15°	182.1
17.5°	156.4
20°	134.9
22.5°	115.9
25°	99.2
27.5°	83.0
30°	67.9
32.5°	54.2
35°	41.9
37.5°	32.1
40°	24.0
42.5°	17.9
45°	13.4
47.5°	10.3
50°	8.1
52.5°	6.7
55°	5.6
57.5°	4.7
60°	4.2
62.5°	3.6
65°	3.1
67.5°	2.8
70°	2.2
72.5°	2.0
75°	1.7
77.5°	1.1
80°	0.8
82.5°	0.6
85°	0.3
87.5°	0.3
90°	0.0

(END OF REPORT)