

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: P1286699

Luminaire Tested: P3AS09R159030D2WDE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286699
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R159030D2WDE010 E3DLD1GPH
Description: 3in Adjustable Dim to Warm LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

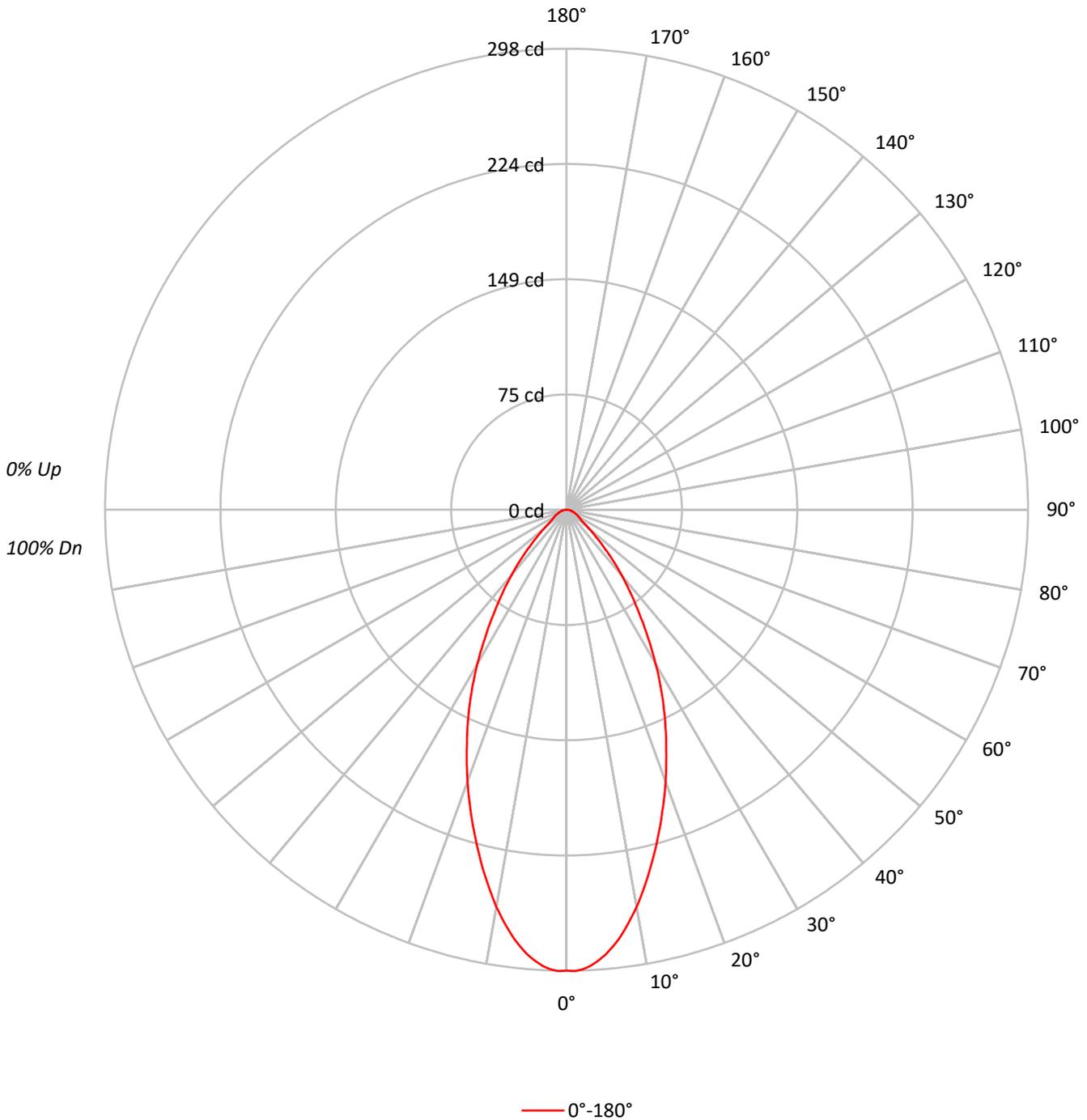
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 259.0 lumens
Efficiency: N/A
Efficacy: 17.6 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.7
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	113	109	107	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91				91
2	106	100	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83				83
3	100	93	87	83	98	91	86	82	89	84	81	86	82	79	84	81	78	76				76
4	94	86	80	75	92	85	79	74	82	77	73	80	76	73	78	75	72	70				70
5	89	80	73	68	87	79	73	68	77	72	67	75	70	67	74	69	66	65				65
6	84	74	68	63	83	73	67	63	72	66	62	70	66	62	69	65	61	60				60
7	80	69	63	58	78	69	63	58	67	62	58	66	61	57	65	61	57	56				56
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52				52
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49				49
10	68	58	52	48	67	57	51	47	57	51	47	56	51	47	55	50	47	46				46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	65324
5°	63548
10°	58071
15°	50874
20°	43637
25°	36438
30°	29169
35°	21870
40°	15887
45°	10389
50°	6482
55°	4396
60°	3903
65°	3580
70°	3334
75°	3050
80°	2904
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 10389 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.6	10.3
10°-20°	62.4	24.1
20°-30°	68.8	26.6
30°-40°	51.5	19.9
40°-50°	26.7	10.3
50°-60°	11.1	4.3
60°-70°	6.9	2.6
70°-80°	3.9	1.5
80°-90°	1.1	0.4
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°	157.9	60.9
0°-40°	209.4	80.8
0°-60°	247.2	95.4
0°-90°	259.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	259.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	298	
5°	289	27
15°	224	62
25°	151	69
35°	82	52
45°	34	27
55°	12	11
65°	7	7
75°	4	4
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	297.9
1°	298.3
2°	297.3
3°	295.3
4°	292.3
5°	288.7
6°	284.1
7°	279.2
8°	273.3
9°	267.1
10°	260.8
12.5°	242.8
15°	224.1
17.5°	205.4
20°	187.0
22.5°	168.3
25°	150.6
27.5°	132.9
30°	115.2
32.5°	97.8
35°	81.7
37.5°	67.9
40°	55.5
42.5°	44.0
45°	33.5
47.5°	25.3
50°	19.0
52.5°	14.1
55°	11.5
57.5°	10.2
60°	8.9
62.5°	7.9
65°	6.9
67.5°	5.9
70°	5.2
72.5°	4.3
75°	3.6
77.5°	3.0
80°	2.3
82.5°	1.6
85°	1.0
87.5°	0.3
90°	0.0

(END OF REPORT)