

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: P1259491

Luminaire Tested: P3AS09R159050DE010 E3DLP1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259491
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: P3AS09R159050DE010 E3DLP1WMH
Description: 3in Adjustable LED luminaire with, R15 optic, 5000K CCT AND, 90CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

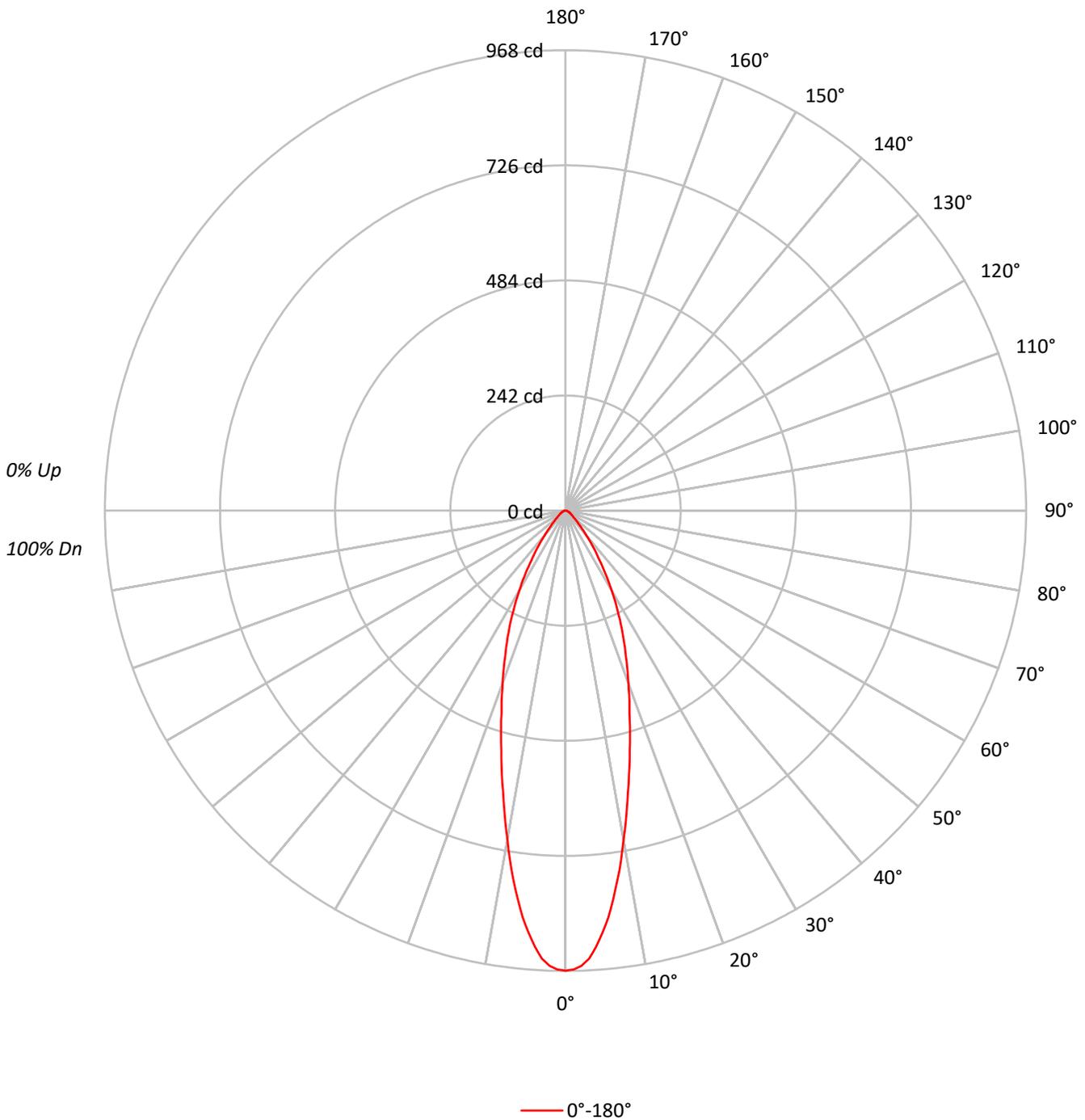
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 492.0 lumens
Efficiency: N/A
Efficacy: 44.3 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): 11.1
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				
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°	212154
5°	196081
10°	156555
15°	118253
20°	90051
25°	68617
30°	49147
35°	32070
40°	19665
45°	11877
50°	7914
55°	6117
60°	5263
65°	4566
70°	4103
75°	4067
80°	3031
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 11877 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.9	16.0
10°-20°	145.6	29.6
20°-30°	129.6	26.3
30°-40°	76.7	15.6
40°-50°	31.5	6.4
50°-60°	14.8	3.0
60°-70°	9.0	1.8
70°-80°	4.7	1.0
80°-90°	1.2	0.2
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°	354.1	72.0
0°-40°	430.8	87.6
0°-60°	477.1	97.0
0°-90°	492.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	492.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	968	
5°	891	79
15°	521	146
25°	284	130
35°	120	77
45°	38	31
55°	16	15
65°	9	9
75°	5	5
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	967.5
1°	965.1
2°	957.9
3°	943.6
4°	919.6
5°	890.8
6°	859.7
7°	822.9
8°	784.6
9°	745.4
10°	703.1
12.5°	606.4
15°	520.9
17.5°	447.4
20°	385.9
22.5°	331.6
25°	283.6
27.5°	237.3
30°	194.1
32.5°	155.0
35°	119.8
37.5°	91.9
40°	68.7
42.5°	51.1
45°	38.3
47.5°	29.6
50°	23.2
52.5°	19.2
55°	16.0
57.5°	13.6
60°	12.0
62.5°	10.4
65°	8.8
67.5°	8.0
70°	6.4
72.5°	5.6
75°	4.8
77.5°	3.2
80°	2.4
82.5°	1.6
85°	0.8
87.5°	0.8
90°	0.0

(END OF REPORT)