

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: P1286981

Luminaire Tested: P3AS09R659030D2WDE010 E3D1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286981
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-44)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R659030D2WDE010 E3D1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R65 optic, 3000K CCT AND, 90CRI , E3D1MM TRIM
Light Source: -
Ballast/Driver: -

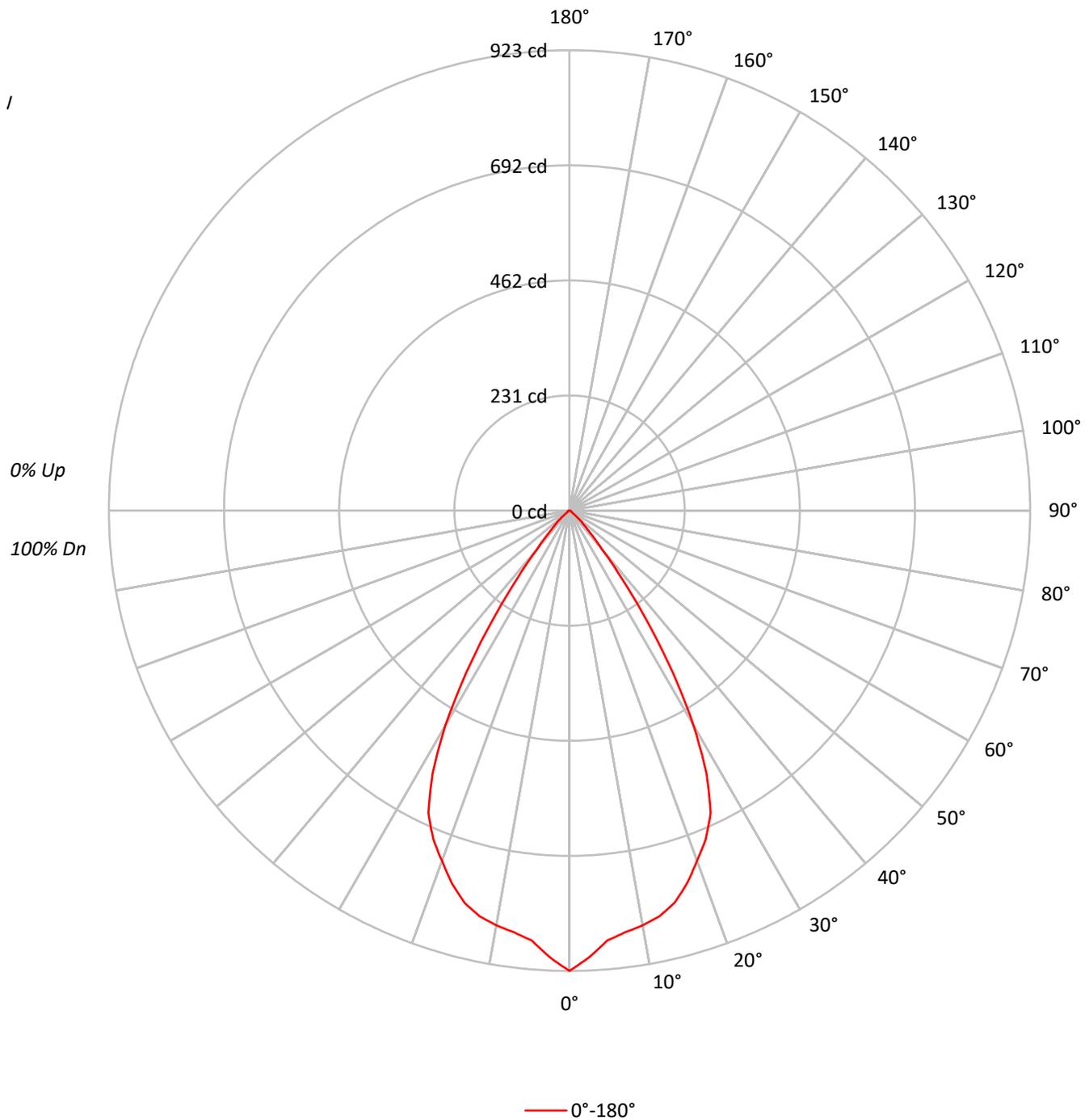
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 828.0 lumens
Efficiency: N/A
Efficacy: 56.3 lumens/watt
Spacing Criteria (0/90/45): 0.98 / 0.98 / 0.9
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	114	111	108	106	111	109	106	104	105	103	101	101	99	98	97	96	95	94				94
2	108	103	99	96	106	101	98	95	98	95	93	95	93	91	92	90	89	87				87
3	103	96	91	87	101	95	90	87	92	88	85	90	87	84	88	85	83	81				81
4	97	90	84	80	96	89	84	80	87	82	79	85	81	78	83	80	77	75				75
5	93	84	78	74	91	83	78	74	82	77	73	80	76	73	78	75	72	70				70
6	88	79	73	69	86	78	73	69	77	72	68	75	71	68	74	70	67	66				66
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62				62
8	80	70	64	60	78	69	64	60	68	63	60	67	63	59	66	62	59	58				58
9	76	66	60	56	75	66	60	56	65	60	56	64	59	56	63	59	56	54				54
10	72	63	57	53	71	62	57	53	61	56	53	60	56	53	60	55	52	51				51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	202352
5°	190446
10°	188017
15°	184700
20°	174385
25°	161864
30°	125817
35°	72786
40°	29341
45°	13490
50°	5254
55°	2064
60°	1754
65°	1712
70°	1731
75°	1694
80°	1642
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 13490 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	82.2	9.9
10°-20°	227.2	27.4
20°-30°	297.4	35.9
30°-40°	172.3	20.8
40°-50°	36.9	4.5
50°-60°	6.0	0.7
60°-70°	3.3	0.4
70°-80°	1.9	0.2
80°-90°	0.7	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°	606.9	73.3
0°-40°	779.1	94.1
0°-60°	822.0	99.3
0°-90°	828.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	828.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	923	
5°	865	82
15°	814	227
25°	669	297
35°	272	172
45°	44	37
55°	5	6
65°	3	3
75°	2	2
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	922.8
2.5°	896.7
5°	865.2
7.5°	852.5
10°	844.4
12.5°	833.0
15°	813.6
17.5°	783.5
20°	747.3
22.5°	713.2
25°	669.0
27.5°	594.6
30°	496.9
32.5°	385.0
35°	271.9
37.5°	172.1
40°	102.5
42.5°	64.3
45°	43.5
47.5°	28.1
50°	15.4
52.5°	7.4
55°	5.4
57.5°	4.7
60°	4.0
62.5°	4.0
65°	3.3
67.5°	2.7
70°	2.7
72.5°	2.0
75°	2.0
77.5°	1.3
80°	1.3
82.5°	0.7
85°	0.7
87.5°	0.7
90°	0.0

(END OF REPORT)