

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: P1255259

Luminaire Tested: P3AS17R659035DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255259
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R659035DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

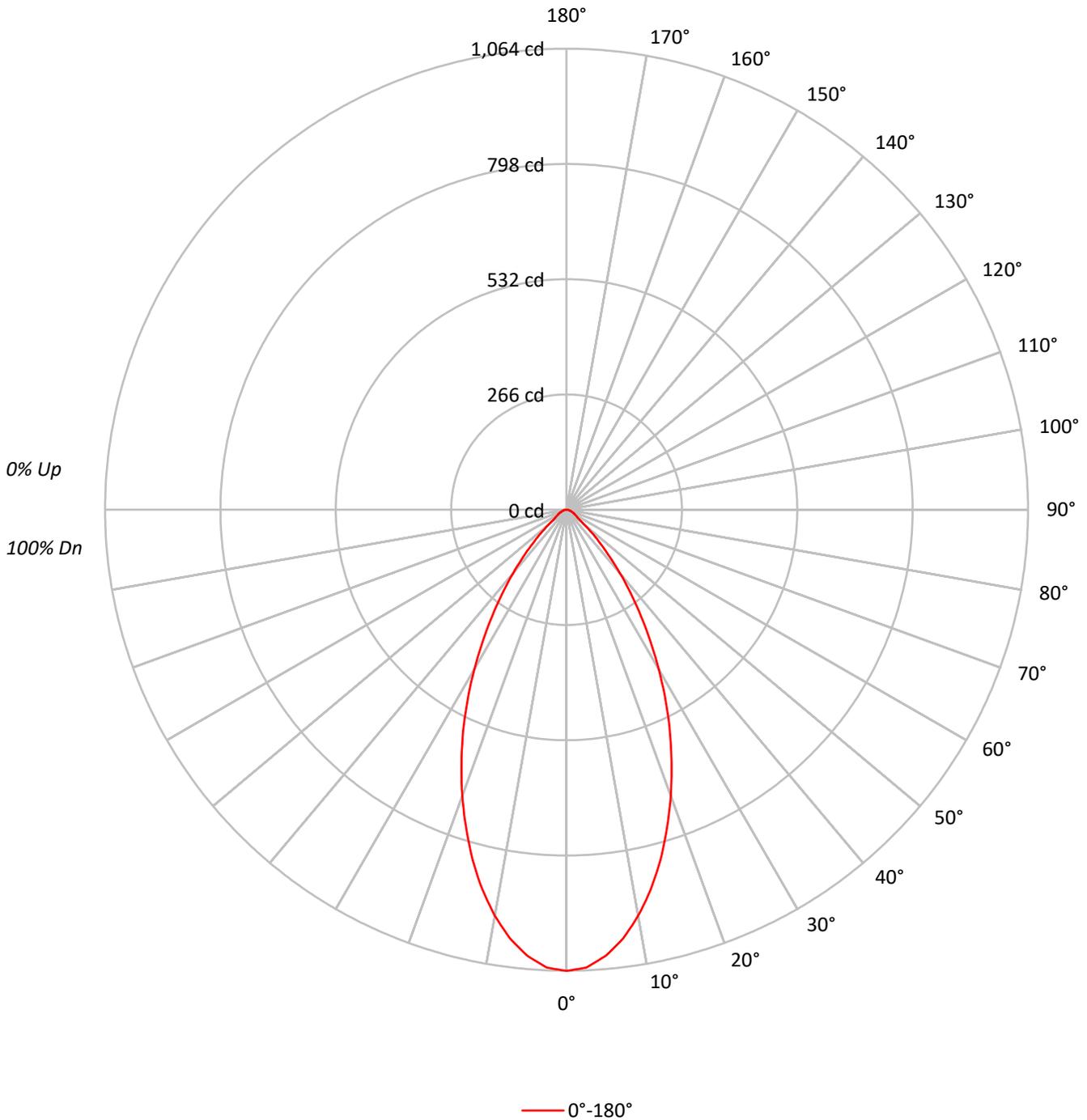
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 918.0 lumens
Efficiency: N/A
Efficacy: 43.3 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	110	107	105	110	108	105	103	104	102	100	100	98	97	96	95	94	92				92
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	90	88	86	85				85
3	101	94	88	84	99	92	87	83	90	85	82	87	84	81	85	82	79	78				78
4	95	87	81	76	93	86	80	76	84	79	75	82	78	74	80	76	73	72				72
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66				66
6	85	76	69	65	84	75	69	65	73	68	64	72	67	64	71	66	63	62				62
7	81	71	65	60	79	70	64	60	69	64	60	68	63	59	67	62	59	57				57
8	77	67	60	56	75	66	60	56	65	59	56	64	59	55	63	58	55	54				54
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	59	55	52	50				50
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	49	47				47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	233337
5°	227536
10°	211887
15°	189899
20°	164001
25°	136411
30°	107586
35°	79719
40°	54931
45°	34081
50°	18524
55°	11622
60°	9868
65°	8924
70°	7629
75°	6693
80°	6693
85°	6542

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 34081 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.1	10.5
10°-20°	232.5	25.3
20°-30°	257.1	28.0
30°-40°	186.7	20.3
40°-50°	87.5	9.5
50°-60°	29.5	3.2
60°-70°	17.0	1.9
70°-80°	8.9	1.0
80°-90°	2.9	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°	585.6	63.8
0°-40°	772.3	84.1
0°-60°	889.2	96.9
0°-90°	918.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	918.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1064	
5°	1034	96
15°	836	232
25°	564	257
35°	298	187
45°	110	87
55°	30	29
65°	17	17
75°	8	9
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1064.1
2.5°	1057.5
5°	1033.7
7.5°	997.9
10°	951.6
12.5°	897.4
15°	836.5
17.5°	770.3
20°	702.8
22.5°	632.6
25°	563.8
27.5°	493.7
30°	424.9
32.5°	358.7
35°	297.8
37.5°	242.2
40°	191.9
42.5°	146.9
45°	109.9
47.5°	79.4
50°	54.3
52.5°	37.1
55°	30.4
57.5°	26.5
60°	22.5
62.5°	19.9
65°	17.2
67.5°	14.6
70°	11.9
72.5°	10.6
75°	7.9
77.5°	6.6
80°	5.3
82.5°	4.0
85°	2.6
87.5°	1.3
90°	0.0

(END OF REPORT)