

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: P1258483

Luminaire Tested: P3AS24R359040D010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258483
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R359040D010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

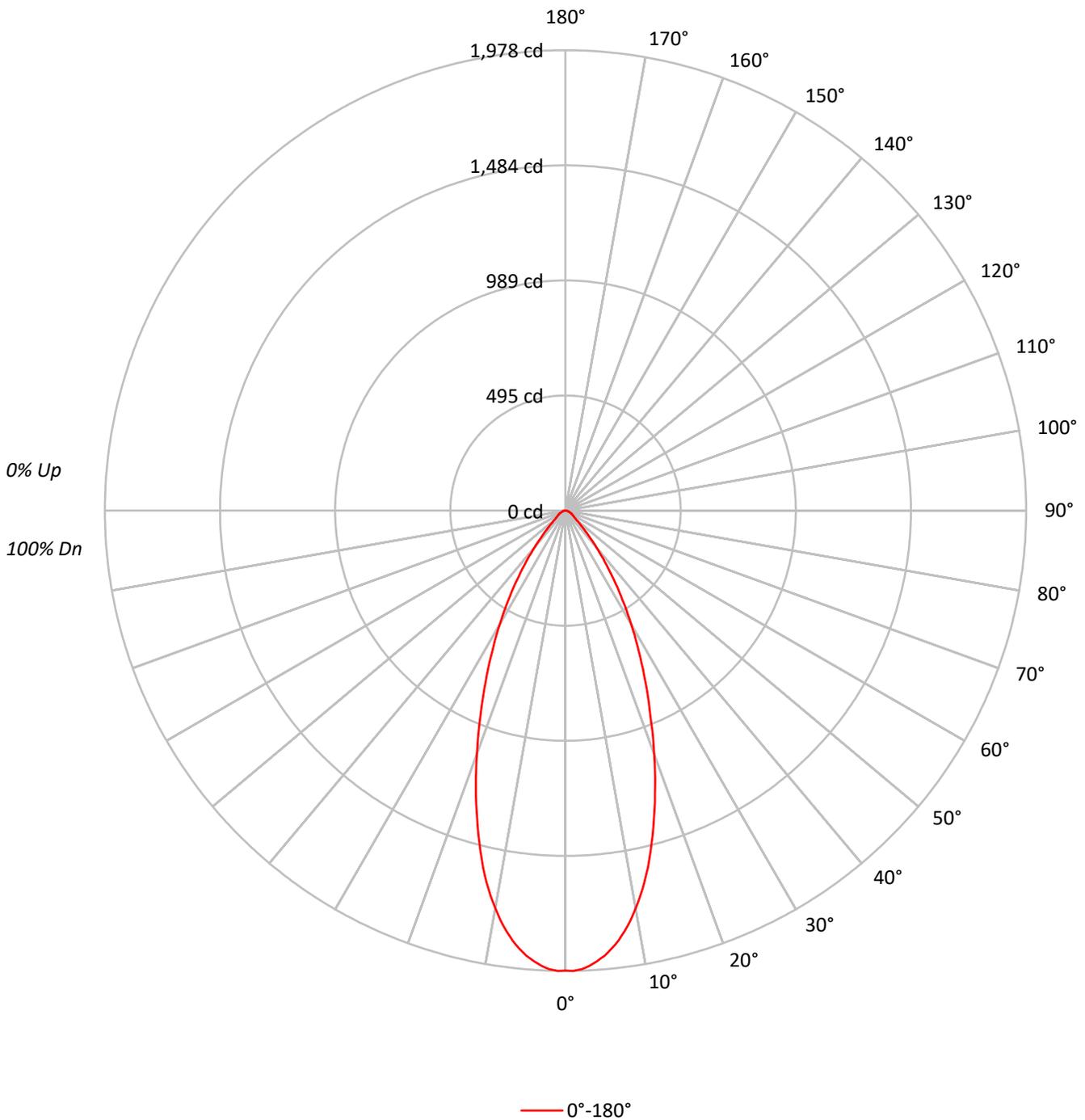
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1348.0 lumens
Efficiency: N/A
Efficacy: 46.8 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93	93	93	93
2	107	102	98	94	105	100	97	93	97	94	91	94	92	89	91	89	87	86	86	86	86
3	102	95	90	86	100	94	89	85	91	87	84	89	85	82	86	84	81	80	80	80	80
4	97	89	83	79	95	88	82	78	86	81	77	84	80	77	82	78	76	74	74	74	74
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	69	69	69	69
6	87	78	72	68	86	77	72	68	76	71	67	75	70	67	73	69	66	65	65	65	65
7	83	74	68	63	82	73	67	63	72	67	63	71	66	63	69	65	62	61	61	61	61
8	79	70	64	60	78	69	63	59	68	63	59	67	62	59	66	62	59	57	57	57	57
9	76	66	60	56	75	66	60	56	65	59	56	64	59	56	63	59	56	54	54	54	54
10	72	63	57	53	71	62	57	53	61	56	53	61	56	53	60	56	53	51	51	51	51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	433277
5°	422605
10°	386366
15°	327947
20°	259606
25°	196342
30°	142959
35°	96664
40°	59426
45°	34112
50°	20537
55°	16668
60°	14560
65°	12920
70°	10643
75°	10590
80°	10481
85°	10567

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 34112 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	177.4	13.2
10°-20°	398.3	29.5
20°-30°	372.6	27.6
30°-40°	228.0	16.9
40°-50°	89.9	6.7
50°-60°	39.6	2.9
60°-70°	24.6	1.8
70°-80°	13.2	1.0
80°-90°	4.5	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°	948.2	70.3
0°-40°	1176.2	87.3
0°-60°	1305.7	96.9
0°-90°	1348.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1348.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1976	
5°	1920	177
15°	1445	398
25°	812	373
35°	361	228
45°	110	90
55°	44	40
65°	25	25
75°	12	13
85°	4	5
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1975.9
1°	1978.0
2°	1971.8
3°	1959.3
4°	1940.6
5°	1919.9
6°	1892.9
7°	1861.8
8°	1824.4
9°	1782.9
10°	1735.2
11°	1685.4
12°	1631.4
13°	1573.3
14°	1508.9
15°	1444.6
17.5°	1278.5
20°	1112.5
22.5°	952.7
25°	811.5
27.5°	680.8
30°	564.6
32.5°	456.6
35°	361.1
37.5°	276.0
40°	207.6
42.5°	149.4
45°	110.0
47.5°	78.9
50°	60.2
52.5°	49.8
55°	43.6
57.5°	37.4
60°	33.2
62.5°	29.1
65°	24.9
67.5°	20.8
70°	16.6
72.5°	14.5
75°	12.5
77.5°	10.4
80°	8.3
82.5°	6.2
85°	4.2
87.5°	2.1



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)