

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: P1261080

Luminaire Tested: P3AS24R359050D010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261080
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: P3AS24R359050D010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 5000K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

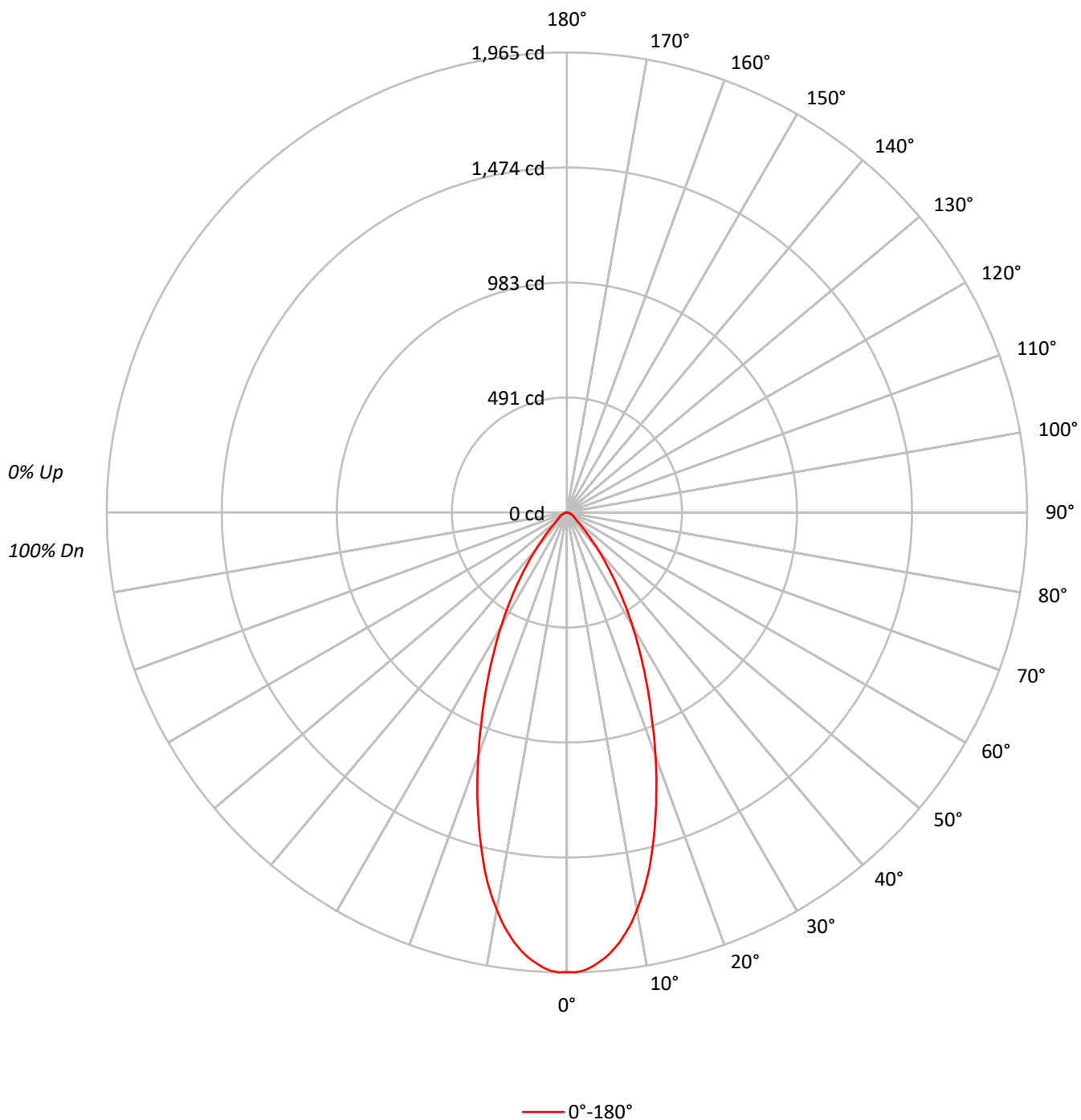
Lumens per Lamp: N/A
Luminaire Lumens: 1339.0 lumens
Efficiency: N/A
Efficacy: 46.5 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	94	105	100	97	93	97	94	91		94	92	89		91
3	102	95	90	86	100	94	89	85	91	87	84		89	85	82		86
4	97	89	83	79	95	88	82	78	86	81	77		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	77	72	68	76	71	67		75	70	67		73
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69
8	79	70	64	60	78	69	63	59	68	63	59		67	62	59		66
9	76	66	60	56	75	66	60	56	65	59	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	430382
5°	419788
10°	383783
15°	325745
20°	257879
25°	195035
30°	141997
35°	96021
40°	59025
45°	33895
50°	20400
55°	16554
60°	14473
65°	12816
70°	10579
75°	10506
80°	10355
85°	10315

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 33895 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	176.2	13.2
10°-20°	395.6	29.5
20°-30°	370.1	27.6
30°-40°	226.5	16.9
40°-50°	89.3	6.7
50°-60°	39.3	2.9
60°-70°	24.5	1.8
70°-80°	13.0	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°	941.9	70.3
0°-40°	1168.4	87.3
0°-60°	1297.0	96.9
0°-90°	1339.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1339.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1963	
5°	1907	176
15°	1435	396
25°	806	370
35°	359	226
45°	109	89
55°	43	39
65°	25	24
75°	12	13
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1962.7
1°	1964.8
2°	1958.6
3°	1946.2
4°	1927.7
5°	1907.1
6°	1880.3
7°	1849.3
8°	1812.2
9°	1771.0
10°	1723.6
11°	1674.1
12°	1620.5
13°	1562.8
14°	1498.9
15°	1434.9
17.5°	1270.0
20°	1105.1
22.5°	946.3
25°	806.1
27.5°	676.2
30°	560.8
32.5°	453.6
35°	358.7
37.5°	274.2
40°	206.2
42.5°	148.4
45°	109.3
47.5°	78.3
50°	59.8
52.5°	49.5
55°	43.3
57.5°	37.1
60°	33.0
62.5°	28.9
65°	24.7
67.5°	20.6
70°	16.5
72.5°	14.4
75°	12.4
77.5°	10.3
80°	8.2
82.5°	6.2
85°	4.1
87.5°	2.1



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)