

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: P1255949

Luminaire Tested: P3A24R659035D010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255949
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: P3A24R659035D010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

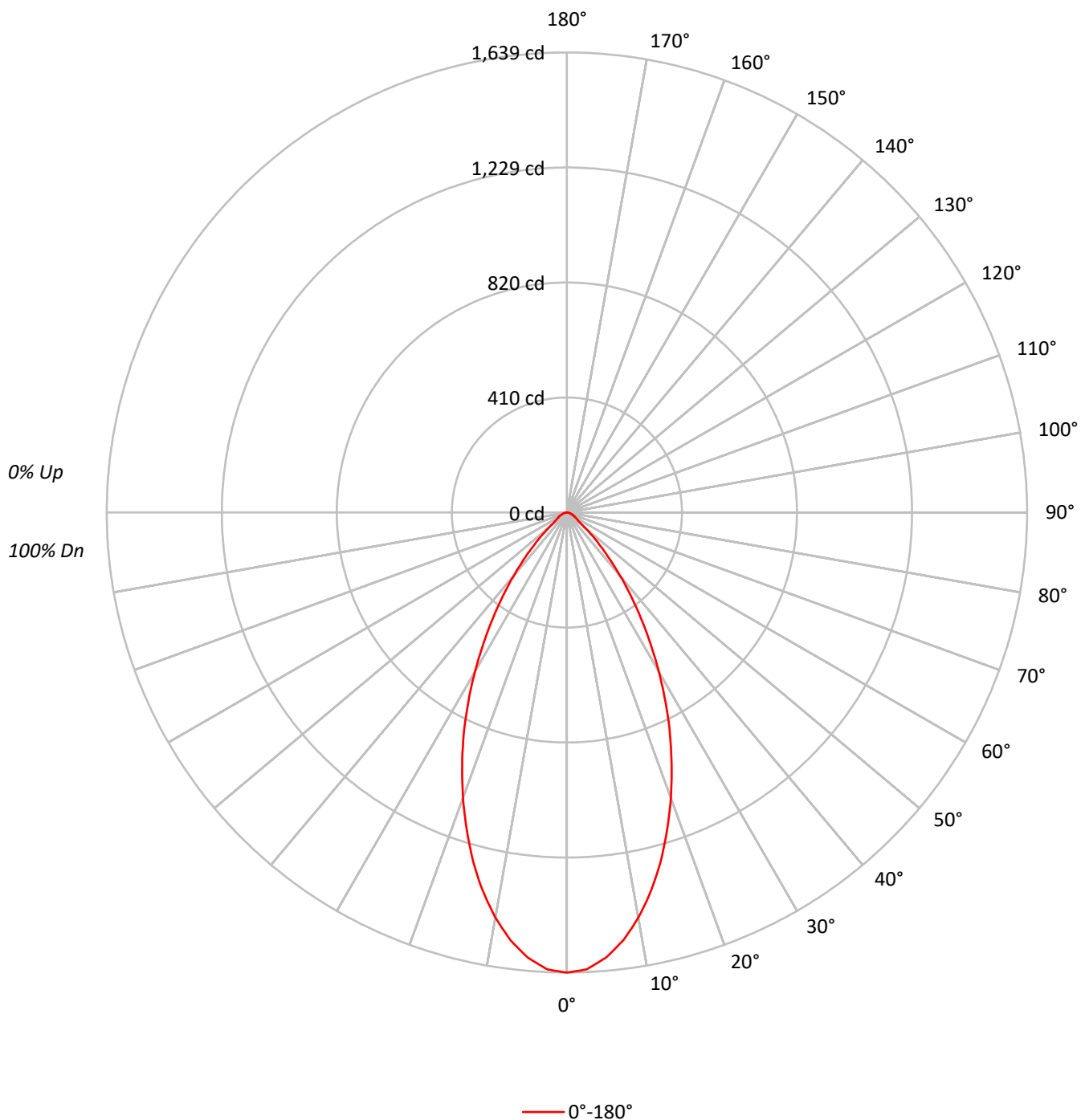
Lumens per Lamp: N/A
Luminaire Lumens: 1414.0 lumens
Efficiency: N/A
Efficacy: 49.1 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	359423
5°	350472
10°	326380
15°	292487
20°	252605
25°	210133
30°	165696
35°	122790
40°	84616
45°	52471
50°	28519
55°	17930
60°	15218
65°	13750
70°	11733
75°	10336
80°	10355
85°	10315

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 52471 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	148.0	10.5
10°-20°	358.1	25.3
20°-30°	396.0	28.0
30°-40°	287.6	20.3
40°-50°	134.7	9.5
50°-60°	45.4	3.2
60°-70°	26.2	1.9
70°-80°	13.7	1.0
80°-90°	4.4	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°	902.0	63.8
0°-40°	1189.6	84.1
0°-60°	1369.7	96.9
0°-90°	1414.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1414.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1639	
5°	1592	148
15°	1288	358
25°	868	396
35°	459	288
45°	169	135
55°	47	45
65°	26	26
75°	12	14
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1639.1
2.5°	1628.9
5°	1592.2
7.5°	1537.1
10°	1465.8
12.5°	1382.2
15°	1288.4
17.5°	1186.5
20°	1082.5
22.5°	974.5
25°	868.5
27.5°	760.4
30°	654.4
32.5°	552.5
35°	458.7
37.5°	373.1
40°	295.6
42.5°	226.3
45°	169.2
47.5°	122.3
50°	83.6
52.5°	57.1
55°	46.9
57.5°	40.8
60°	34.7
62.5°	30.6
65°	26.5
67.5°	22.4
70°	18.3
72.5°	16.3
75°	12.2
77.5°	10.2
80°	8.2
82.5°	6.1
85°	4.1
87.5°	2.0
90°	0.0

(END OF REPORT)