

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: P1255764

Luminaire Tested: P3A24R359035D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255764
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A24R359035D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

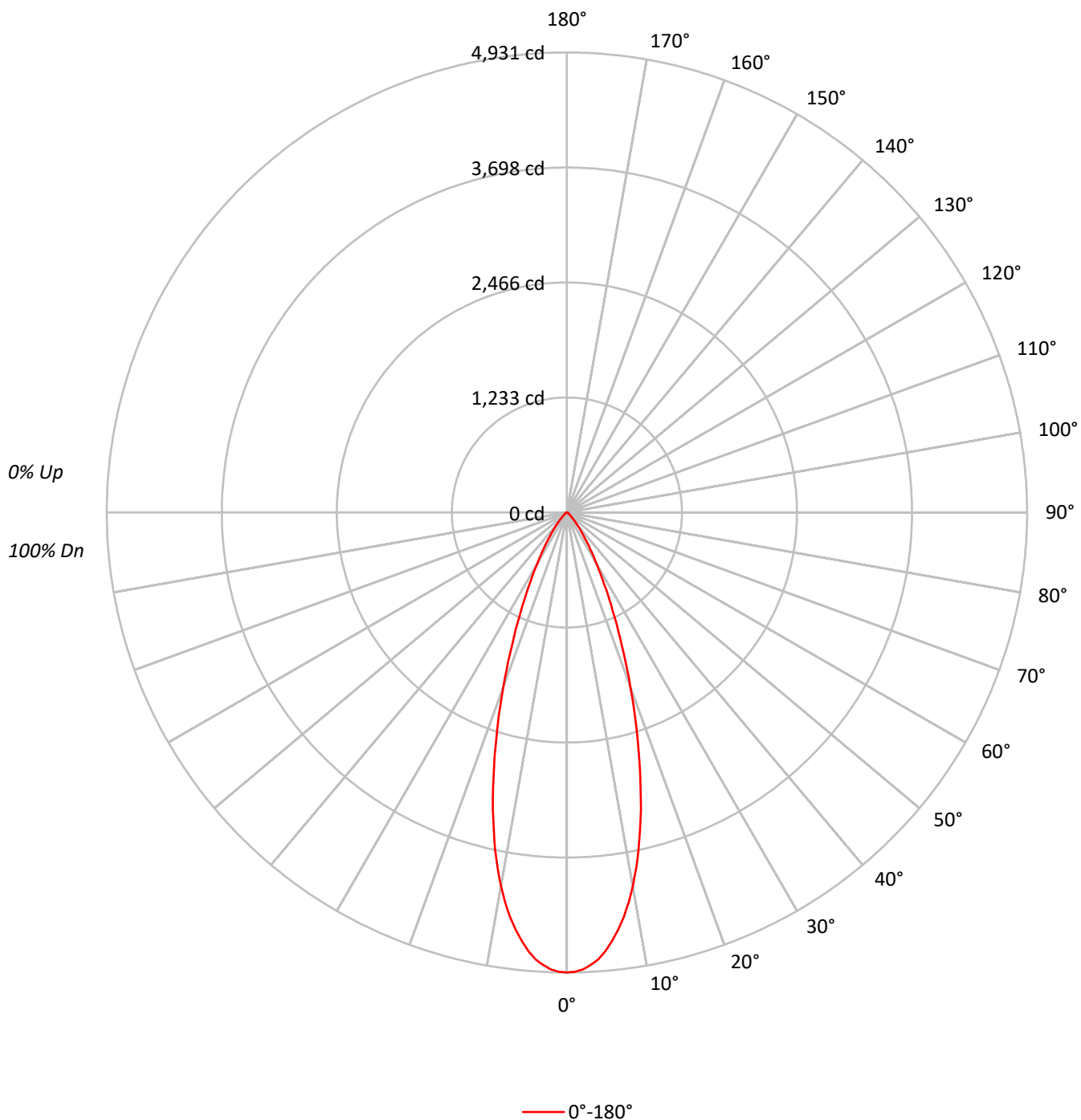
Lumens per Lamp: N/A
Luminaire Lumens: 2143.9 lumens
Efficiency: N/A
Efficacy: 74.4 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1255764

CATALOG NUMBER: P3A24R359035D010 E3DL1MW

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	114	112	109	107	112	109	107	106	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77
8	85	77	72	69	84	77	72	68	76	71	68		75	71	68		74
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1081339
5°	1039222
10°	905483
15°	693534
20°	464000
25°	280758
30°	161113
35°	90078
40°	47861
45°	24654
50°	11838
55°	9366
60°	8947
65°	7420
70°	7822
75°	6947
80°	7703
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 24654 cd/sqm

TEST NUMBER: P1255764

CATALOG NUMBER: P3A24R359035D010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	429.6	20.0
10°-20°	832.4	38.8
20°-30°	545.0	25.4
30°-40°	221.1	10.3
40°-50°	66.3	3.1
50°-60°	22.5	1.1
60°-70°	15.1	0.7
70°-80°	8.9	0.4
80°-90°	3.0	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°	1807.0	84.3
0°-40°	2028.1	94.6
0°-60°	2116.9	98.7
0°-90°	2143.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2143.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4931	
5°	4721	430
15°	3055	832
25°	1160	545
35°	336	221
45°	80	66
55°	24	23
65°	14	15
75°	8	9
85°	2	3
90°	0	

TEST NUMBER: P1255764

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CANDELA DISTRIBUTION (FULL):

0°	
0°	4931.3
1°	4923.1
2°	4900.7
3°	4855.8
4°	4802.8
5°	4721.2
6°	4619.3
7°	4505.1
8°	4376.6
9°	4229.7
10°	4066.6
11°	3885.1
12°	3695.4
13°	3483.3
14°	3281.4
15°	3055.0
17.5°	2506.4
20°	1988.4
22.5°	1529.6
25°	1160.4
27.5°	864.7
30°	636.3
32.5°	467.0
35°	336.5
37.5°	238.6
40°	167.2
42.5°	116.2
45°	79.5
47.5°	53.0
50°	34.7
52.5°	26.5
55°	24.5
57.5°	22.4
60°	20.4
62.5°	18.4
65°	14.3
67.5°	12.2
70°	12.2
72.5°	10.2
75°	8.2
77.5°	6.1
80°	6.1
82.5°	4.1
85°	2.0
87.5°	2.0



TEST NUMBER: P1255764
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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)