

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: P1255776

Luminaire Tested: P3A24R359035D010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255776
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: P3A24R359035D010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

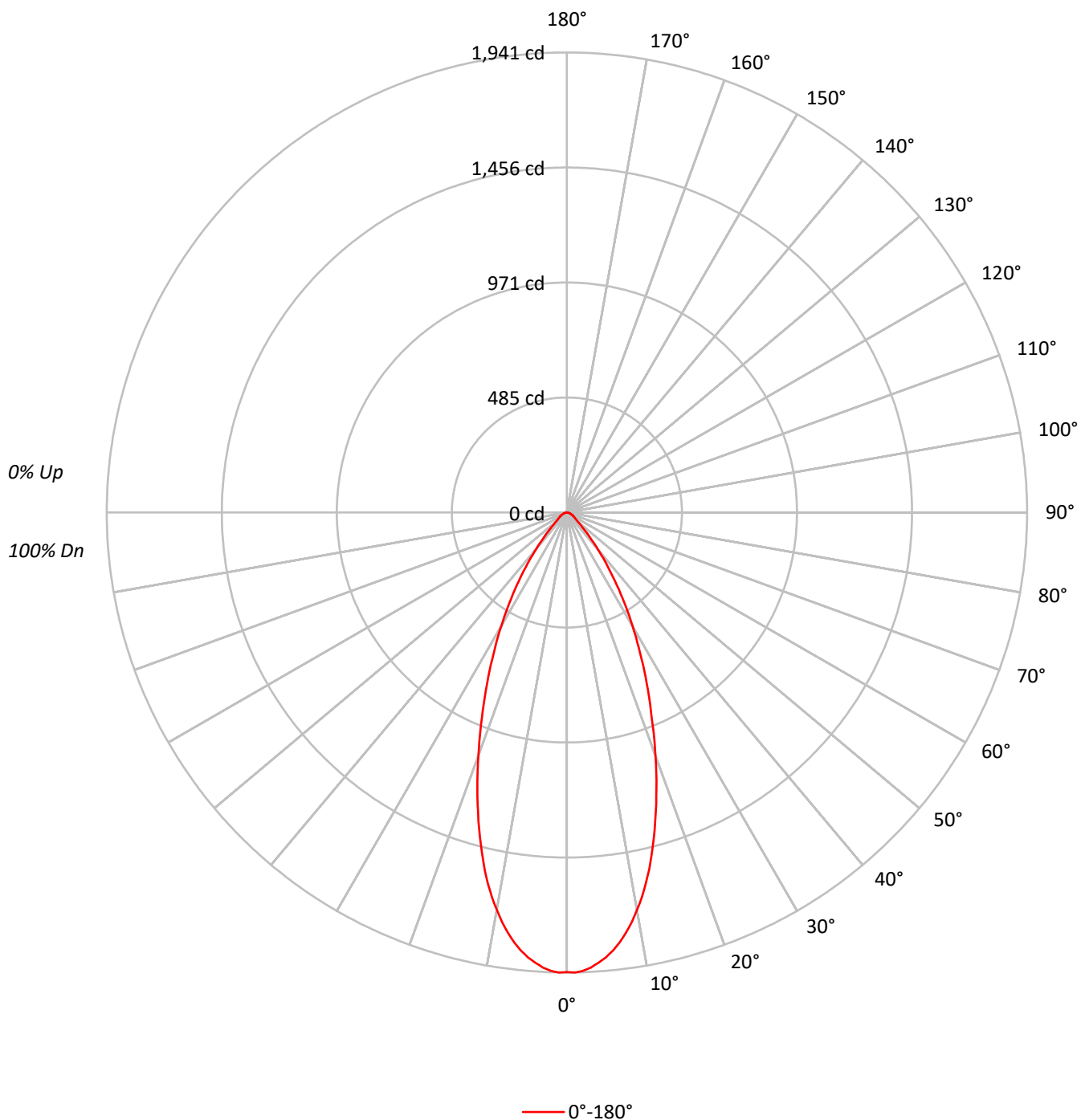
Lumens per Lamp: N/A
Luminaire Lumens: 1323.0 lumens
Efficiency: N/A
Efficacy: 45.9 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	425251
5°	414769
10°	379196
15°	321863
20°	254799
25°	192713
30°	140300
35°	94870
40°	58309
45°	33492
50°	20161
55°	16363
60°	14297
65°	12660
70°	10450
75°	10336
80°	10229
85°	10315

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 33492 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	174.1	13.2
10°-20°	390.9	29.5
20°-30°	365.7	27.6
30°-40°	223.8	16.9
40°-50°	88.2	6.7
50°-60°	38.9	2.9
60°-70°	24.2	1.8
70°-80°	12.9	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°	930.7	70.3
0°-40°	1154.4	87.3
0°-60°	1281.5	96.9
0°-90°	1323.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1323.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1939	
5°	1884	174
15°	1418	391
25°	796	366
35°	354	224
45°	108	88
55°	43	39
65°	24	24
75°	12	13
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1939.3
1°	1941.3
2°	1935.2
3°	1923.0
4°	1904.7
5°	1884.3
6°	1857.8
7°	1827.2
8°	1790.6
9°	1749.8
10°	1703.0
11°	1654.1
12°	1601.1
13°	1544.1
14°	1480.9
15°	1417.8
17.5°	1254.8
20°	1091.9
22.5°	935.0
25°	796.5
27.5°	668.2
30°	554.1
32.5°	448.2
35°	354.4
37.5°	270.9
40°	203.7
42.5°	146.7
45°	108.0
47.5°	77.4
50°	59.1
52.5°	48.9
55°	42.8
57.5°	36.7
60°	32.6
62.5°	28.5
65°	24.4
67.5°	20.4
70°	16.3
72.5°	14.3
75°	12.2
77.5°	10.2
80°	8.1
82.5°	6.1
85°	4.1
87.5°	2.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)