

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: P1255695

Luminaire Tested: P3A24R259035D010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255695
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A24R259035D010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

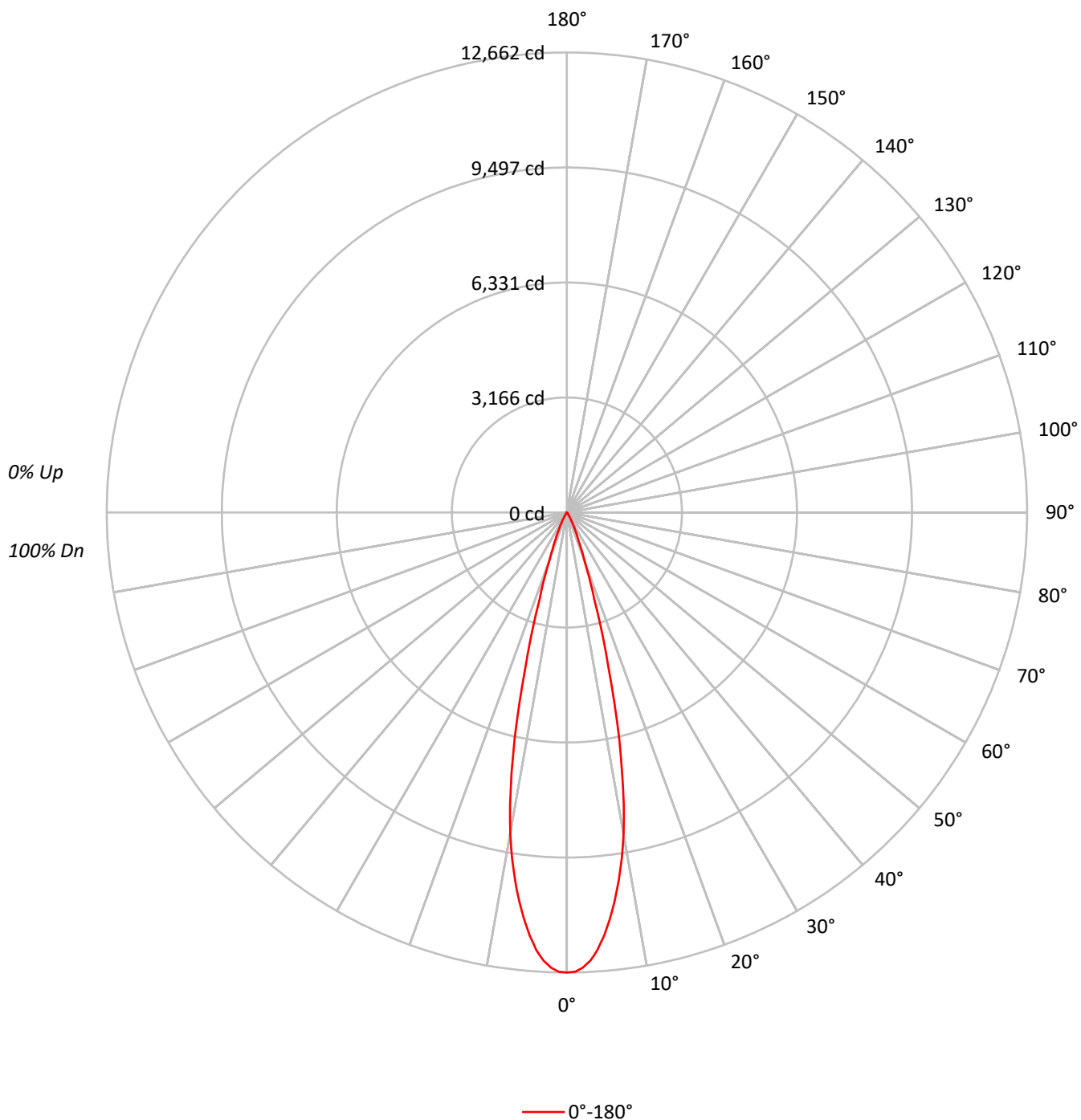
Lumens per Lamp: N/A
Luminaire Lumens: 2597.0 lumens
Efficiency: N/A
Efficacy: 90.2 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1255695

CATALOG NUMBER: P3A24R259035D010 E3CD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1255695

CATALOG NUMBER: P3A24R259035D010 E3CD1MW

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				0
RW	70	50	30	10	70	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		100
1	115	113	111	110	113	111	109	108	107	106	105		103	103	102		97
2	112	108	105	103	110	107	104	102	104	102	100		101	99	98		94
3	108	104	101	98	107	103	100	97	100	98	96		98	96	94		92
4	105	100	97	94	104	99	96	93	97	95	92		96	93	91		89
5	103	97	93	90	101	96	93	90	95	92	89		93	91	89		87
6	100	94	90	87	99	93	90	87	92	89	87		91	88	86		85
7	97	91	88	85	96	91	87	85	90	87	84		89	86	84		83
8	95	89	85	83	94	89	85	82	88	84	82		87	84	82		81
9	93	87	83	80	92	86	83	80	86	82	80		85	82	80		79
10	91	85	81	78	90	84	81	78	84	80	78		83	80	78		77

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	2776576
5°	2575186
10°	1997113
15°	1001413
20°	329005
25°	130822
30°	49071
35°	14188
40°	6412
45°	2543
50°	2081
55°	1567
60°	1798
65°	2127
70°	1282
75°	1694
80°	2526
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2543 cd/sqm

TEST NUMBER: P1255695

CATALOG NUMBER: P3A24R259035D010 E3CD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1029.0	39.6
10°-20°	1227.7	47.3
20°-30°	276.8	10.7
30°-40°	44.8	1.7
40°-50°	8.1	0.3
50°-60°	4.3	0.2
60°-70°	3.8	0.1
70°-80°	2.1	0.1
80°-90°	0.3	0.0
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°	2533.5	97.6
0°-40°	2578.3	99.3
0°-60°	2590.8	99.8
0°-90°	2597.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2597.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	12662	
5°	11699	###
15°	4411	1228
25°	541	277
35°	53	45
45°	8	8
55°	4	4
65°	4	4
75°	2	2
85°	0	0
90°	0	

TEST NUMBER: P1255695

CATALOG NUMBER: P3A24R259035D010 E3CD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	12662.2
1°	12641.8
2°	12539.8
3°	12352.0
4°	12068.4
5°	11699.1
6°	11258.4
7°	10781.0
8°	10234.2
9°	9636.4
10°	8969.2
11°	8200.0
12°	7314.5
13°	6388.2
14°	5394.6
15°	4411.2
17.5°	2513.7
20°	1409.9
22.5°	850.8
25°	540.7
27.5°	332.6
30°	193.8
32.5°	102.0
35°	53.0
37.5°	34.7
40°	22.4
42.5°	14.3
45°	8.2
47.5°	6.1
50°	6.1
52.5°	6.1
55°	4.1
57.5°	4.1
60°	4.1
62.5°	4.1
65°	4.1
67.5°	4.1
70°	2.0
72.5°	2.0
75°	2.0
77.5°	2.0
80°	2.0
82.5°	0.0
85°	0.0
87.5°	0.0



TEST NUMBER: P1255695

CATALOG NUMBER: P3A24R259035D010 E3CD1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)