

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: P1247238

Luminaire Tested: P3AS17R259024DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247238
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R259024DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2400K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

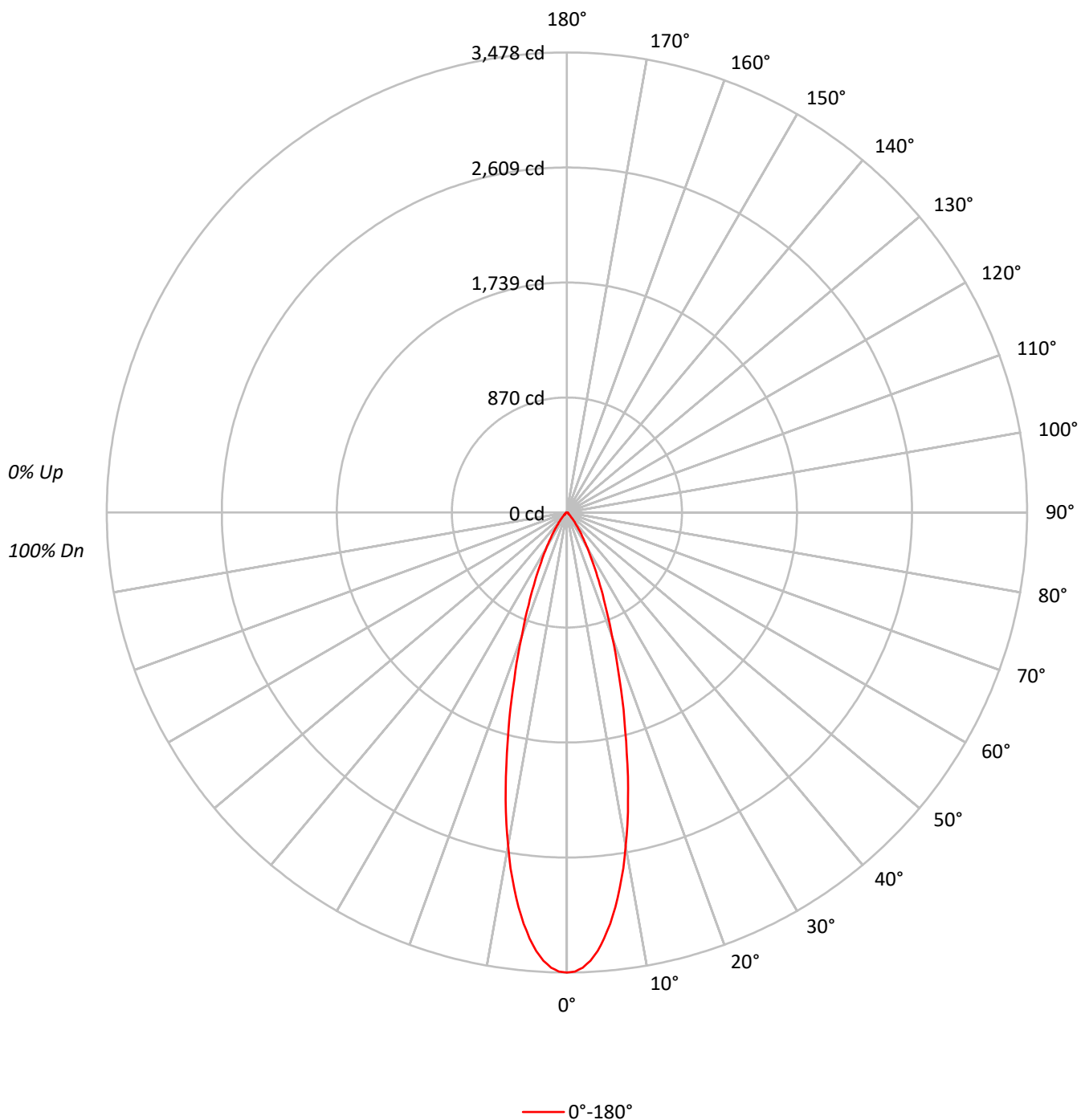
Lumens per Lamp: N/A
Luminaire Lumens: 1189.0 lumens
Efficiency: N/A
Efficacy: 56.1 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	86	81	78	84	80	77		83	79	77		82
7	90	83	78	74	89	82	77	74	81	77	74		80	76	73		79
8	87	79	74	71	86	79	74	71	78	74	71		77	73	70		76
9	84	76	71	68	83	76	71	68	75	71	68		74	70	68		73
10	81	73	69	65	80	73	68	65	72	68	65		72	68	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	762702
5°	711576
10°	570041
15°	386926
20°	234124
25°	136919
30°	77961
35°	42884
40°	22757
45°	11970
50°	6993
55°	5199
60°	4473
65°	4722
70°	4360
75°	3813
80°	2904
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11970 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	286.9	24.1
10°-20°	468.6	39.4
20°-30°	267.8	22.5
30°-40°	105.6	8.9
40°-50°	32.4	2.7
50°-60°	12.8	1.1
60°-70°	8.6	0.7
70°-80°	4.8	0.4
80°-90°	1.5	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°	1023.2	86.1
0°-40°	1128.9	94.9
0°-60°	1174.1	98.7
0°-90°	1189.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1189.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3478	
5°	3233	287
15°	1704	469
25°	566	268
35°	160	106
45°	39	32
55°	14	13
65°	9	9
75°	4	5
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3478.2
1°	3471.4
2°	3443.0
3°	3393.0
4°	3323.6
5°	3232.7
6°	3125.9
7°	3005.5
8°	2865.7
9°	2722.6
10°	2560.1
11°	2399.8
12°	2223.7
13°	2049.9
14°	1871.5
15°	1704.4
17.5°	1321.5
20°	1003.3
22.5°	753.4
25°	565.9
27.5°	419.3
30°	307.9
32.5°	222.7
35°	160.2
37.5°	113.6
40°	79.5
42.5°	54.5
45°	38.6
47.5°	27.3
50°	20.5
52.5°	15.9
55°	13.6
57.5°	12.5
60°	10.2
62.5°	9.1
65°	9.1
67.5°	8.0
70°	6.8
72.5°	5.7
75°	4.5
77.5°	3.4
80°	2.3
82.5°	2.3
85°	1.1
87.5°	1.1



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)