

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: P1276398

Luminaire Tested: P3AS17R259835DE010 E3D1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276398
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: P3AS17R259835DE010 E3D1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , E3D1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

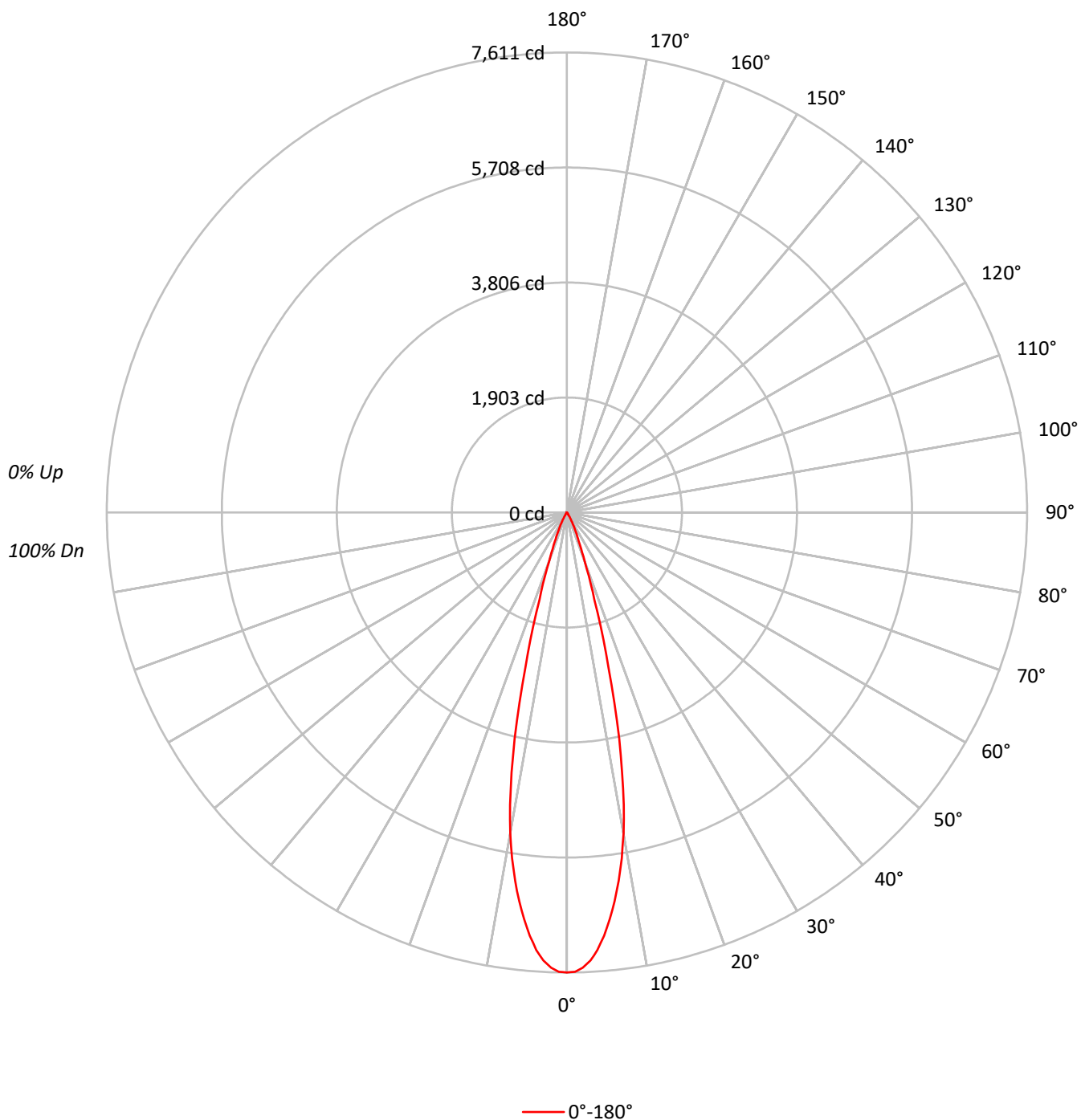
Lumens per Lamp: N/A
Luminaire Lumens: 1561.0 lumens
Efficiency: N/A
Efficacy: 76.5 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	115	113	111	110		113	111	109	108		107	106	105		103	103	102		100	99	99
2	112	108	105	103		110	107	104	102		104	102	100		101	99	98		98	97	96
3	108	104	101	98		107	103	100	97		100	98	96		98	96	94		96	94	93
4	105	100	97	94		104	99	96	93		97	95	92		96	93	91		94	92	90
5	103	97	93	90		101	96	93	90		95	92	89		93	91	89		92	90	88
6	100	94	90	87		99	93	90	87		92	89	87		91	88	86		90	87	86
7	97	91	88	85		96	91	87	85		90	87	84		89	86	84		88	85	83
8	95	89	85	83		94	89	85	82		88	84	82		87	84	82		86	83	81
9	93	87	83	80		92	86	83	80		86	82	80		85	82	80		84	82	80
10	91	85	81	78		90	84	81	78		84	80	78		83	80	78		82	80	78

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1668945
5°	1547894
10°	1200423
15°	601910
20°	197744
25°	78634
30°	29498
35°	8539
40°	3864
45°	1520
50°	1262
55°	956
60°	1096
65°	1297
70°	769
75°	1017
80°	1515
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1520 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	618.5	39.6
10°-20°	737.9	47.3
20°-30°	166.4	10.7
30°-40°	27.0	1.7
40°-50°	4.9	0.3
50°-60°	2.6	0.2
60°-70°	2.3	0.1
70°-80°	1.3	0.1
80°-90°	0.2	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°	1522.8	97.6
0°-40°	1549.8	99.3
0°-60°	1557.3	99.8
0°-90°	1561.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1561.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	7611	
5°	7032	619
15°	2651	738
25°	325	166
35°	32	27
45°	5	5
55°	2	3
65°	2	2
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	7611.0
1°	7598.7
2°	7537.4
3°	7424.5
4°	7254.1
5°	7032.1
6°	6767.2
7°	6480.2
8°	6151.6
9°	5792.2
10°	5391.2
11°	4928.8
12°	4396.6
13°	3839.8
14°	3242.6
15°	2651.4
17.5°	1510.9
20°	847.4
22.5°	511.4
25°	325.0
27.5°	199.9
30°	116.5
32.5°	61.3
35°	31.9
37.5°	20.8
40°	13.5
42.5°	8.6
45°	4.9
47.5°	3.7
50°	3.7
52.5°	3.7
55°	2.5
57.5°	2.5
60°	2.5
62.5°	2.5
65°	2.5
67.5°	2.5
70°	1.2
72.5°	1.2
75°	1.2
77.5°	1.2
80°	1.2
82.5°	0.0
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)