

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: P1253849

Luminaire Tested: P3AS05R259035DE010 E3D1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253849
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: P3AS05R259035DE010 E3D1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3D1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

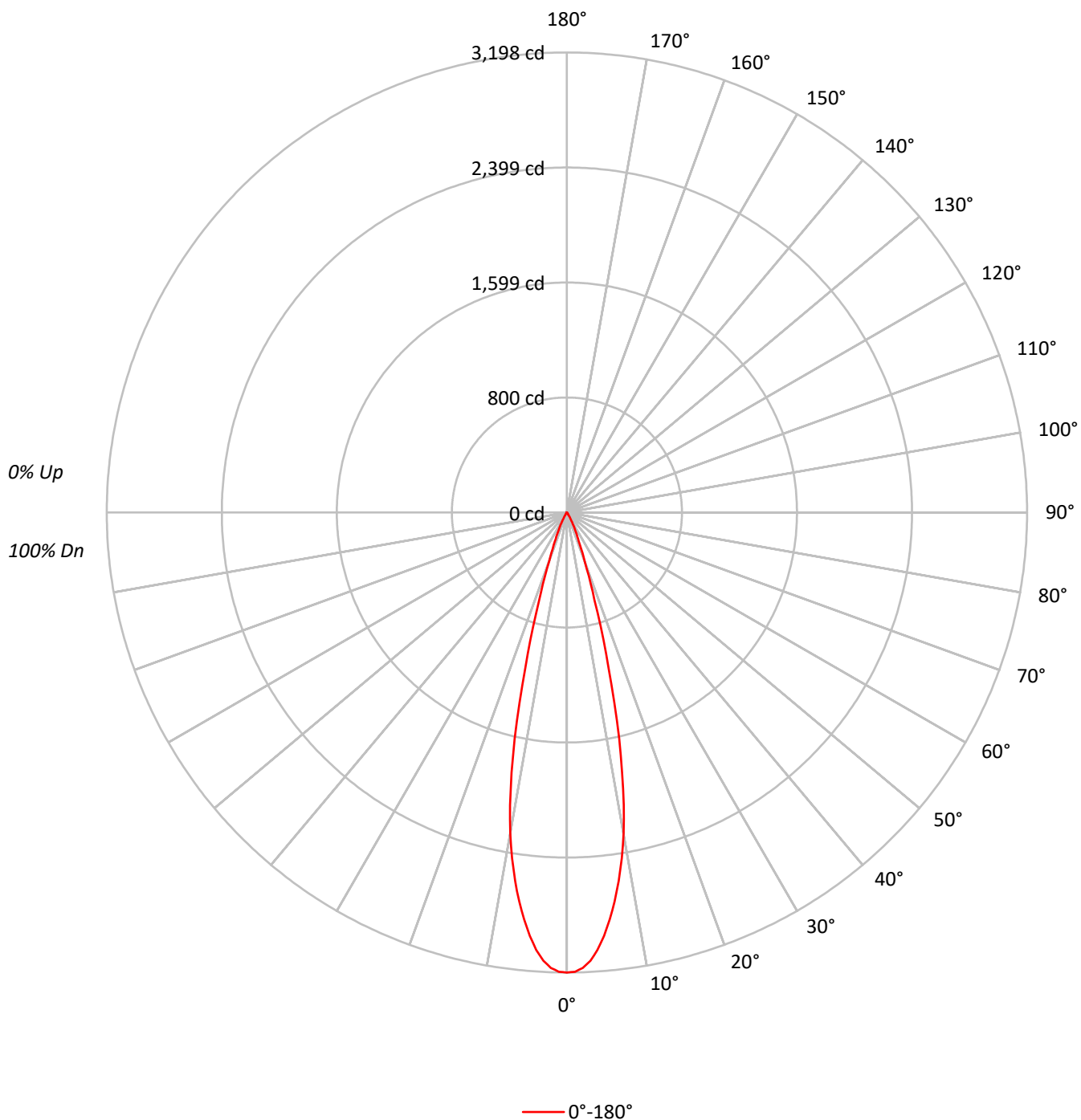
Lumens per Lamp: N/A
Luminaire Lumens: 655.9 lumens
Efficiency: N/A
Efficacy: 91.1 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	99
1	115	113	111	110	113	111	109	108	107	106	105	103	103	102	100	99	99	97	97	97
2	112	108	105	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94	94	94
3	108	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	92	92
4	105	100	97	94	104	99	96	93	97	95	92	96	93	91	94	92	90	89	89	89
5	103	97	93	90	101	96	93	90	95	92	89	93	91	89	92	90	88	87	87	87
6	100	94	90	87	99	93	90	87	92	89	87	91	88	86	90	87	86	85	85	85
7	97	91	88	85	96	91	87	85	90	87	84	89	86	84	88	85	83	83	83	83
8	95	89	85	83	94	89	85	82	88	84	82	87	84	82	86	83	81	81	81	81
9	93	87	83	80	92	86	83	80	86	82	80	85	82	80	84	82	80	79	79	79
10	91	85	81	78	90	84	81	78	84	80	78	83	80	78	82	80	78	77	77	77

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	701369
5°	650494
10°	504466
15°	252964
20°	83097
25°	33050
30°	12407
35°	3587
40°	1632
45°	651
50°	512
55°	382
60°	439
65°	519
70°	321
75°	424
80°	631
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 651 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	259.9	39.6
10°-20°	310.1	47.3
20°-30°	69.9	10.7
30°-40°	11.3	1.7
40°-50°	2.0	0.3
50°-60°	1.1	0.2
60°-70°	0.9	0.1
70°-80°	0.5	0.1
80°-90°	0.1	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°	640.0	97.6
0°-40°	651.3	99.3
0°-60°	654.4	99.8
0°-90°	655.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	655.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3198	
5°	2955	260
15°	1114	310
25°	137	70
35°	13	11
45°	2	2
55°	1	1
65°	1	1
75°	0	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3198.5
1°	3193.3
2°	3167.5
3°	3120.1
4°	3048.5
5°	2955.2
6°	2843.9
7°	2723.3
8°	2585.2
9°	2434.1
10°	2265.6
11°	2071.3
12°	1847.6
13°	1613.7
14°	1362.7
15°	1114.3
17.5°	634.9
20°	356.1
22.5°	214.9
25°	136.6
27.5°	84.0
30°	49.0
32.5°	25.8
35°	13.4
37.5°	8.8
40°	5.7
42.5°	3.6
45°	2.1
47.5°	1.5
50°	1.5
52.5°	1.5
55°	1.0
57.5°	1.0
60°	1.0
62.5°	1.0
65°	1.0
67.5°	1.0
70°	0.5
72.5°	0.5
75°	0.5
77.5°	0.5
80°	0.5
82.5°	0.0
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)