

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: P1259942

Luminaire Tested: P3AS13R259050DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259942
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: P3AS13R259050DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

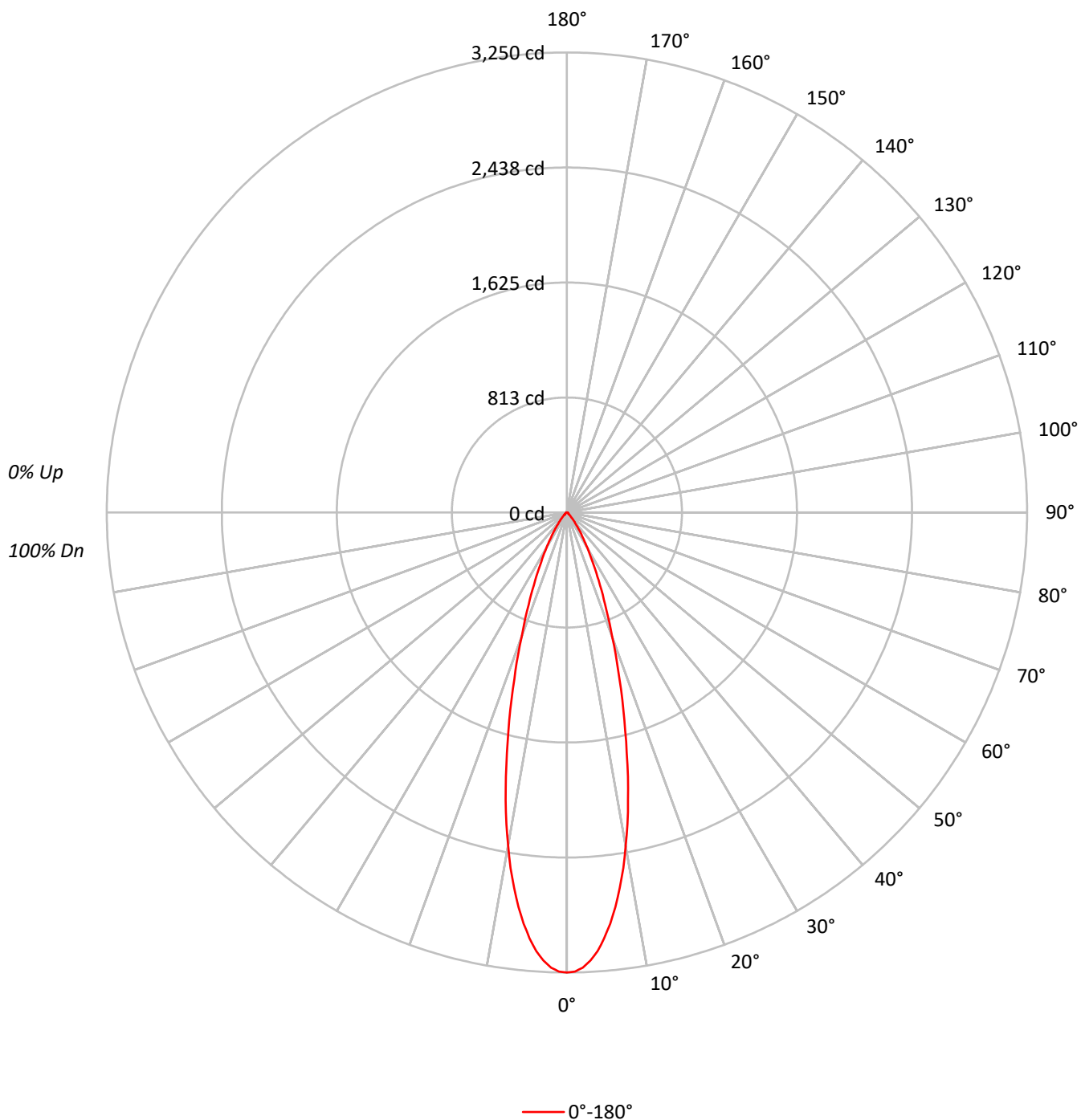
Lumens per Lamp: N/A
Luminaire Lumens: 1111.0 lumens
Efficiency: N/A
Efficacy: 76.1 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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°	712662
5°	664911
10°	532633
15°	361546
20°	218769
25°	127943
30°	72847
35°	40074
40°	21268
45°	11195
50°	6516
55°	4855
60°	4210
65°	4410
70°	4103
75°	3558
80°	2652
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11195 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	268.1	24.1
10°-20°	437.8	39.4
20°-30°	250.2	22.5
30°-40°	98.7	8.9
40°-50°	30.3	2.7
50°-60°	12.0	1.1
60°-70°	8.0	0.7
70°-80°	4.5	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°	956.1	86.1
0°-40°	1054.8	94.9
0°-60°	1097.1	98.7
0°-90°	1111.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1111.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3250	
5°	3021	268
15°	1593	438
25°	529	250
35°	150	99
45°	36	30
55°	13	12
65°	8	8
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3250.0
1°	3243.6
2°	3217.1
3°	3170.4
4°	3105.6
5°	3020.7
6°	2920.9
7°	2808.3
8°	2677.7
9°	2543.9
10°	2392.1
11°	2242.4
12°	2077.8
13°	1915.4
14°	1748.7
15°	1592.6
17.5°	1234.8
20°	937.5
22.5°	703.9
25°	528.8
27.5°	391.8
30°	287.7
32.5°	208.1
35°	149.7
37.5°	106.2
40°	74.3
42.5°	51.0
45°	36.1
47.5°	25.5
50°	19.1
52.5°	14.9
55°	12.7
57.5°	11.7
60°	9.6
62.5°	8.5
65°	8.5
67.5°	7.4
70°	6.4
72.5°	5.3
75°	4.2
77.5°	3.2
80°	2.1
82.5°	2.1
85°	1.1
87.5°	1.1



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)