

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: P1257351

Luminaire Tested: P3AS13R259040DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257351
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R259040DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

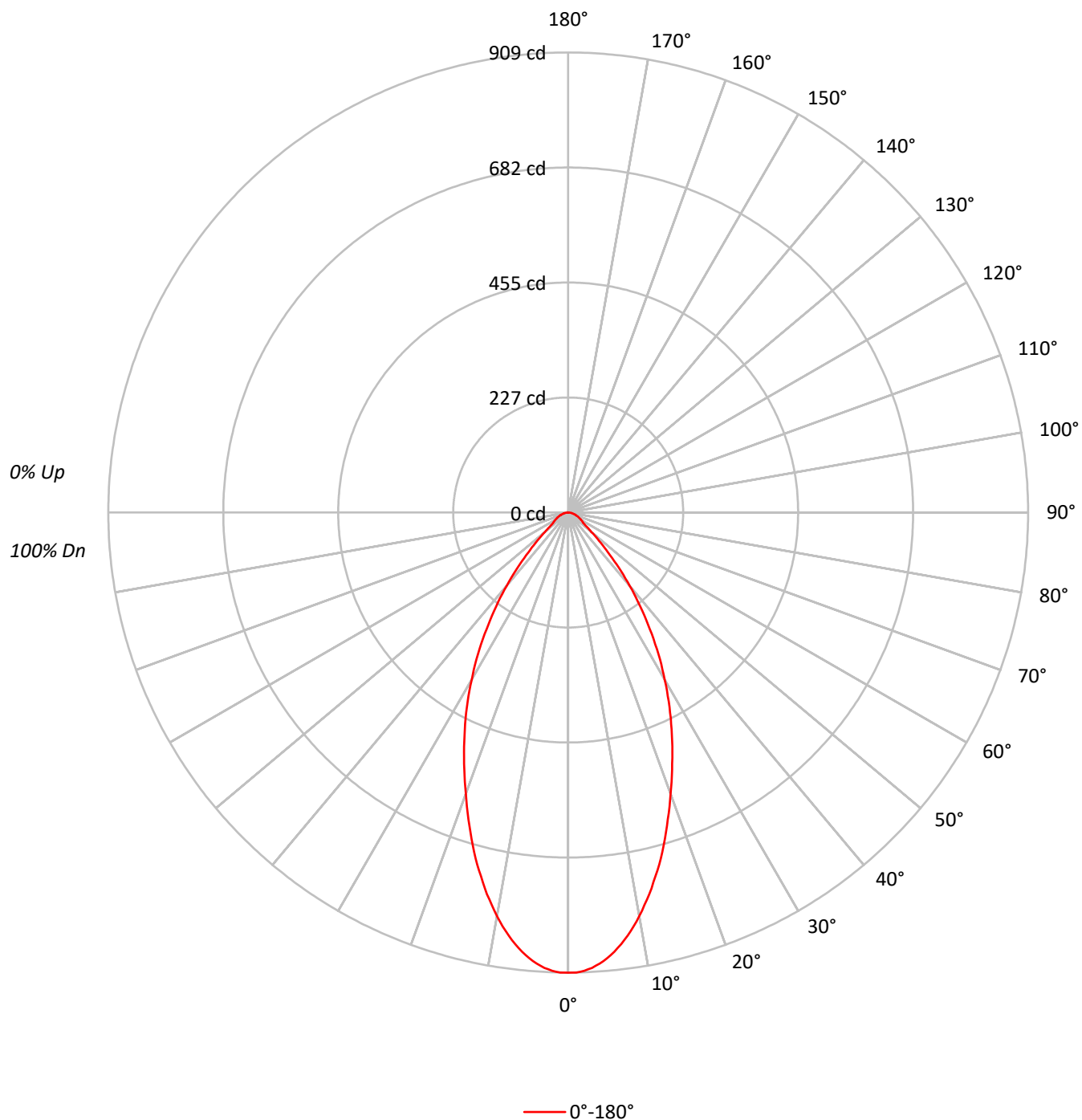
Lumens per Lamp: N/A
Luminaire Lumens: 839.0 lumens
Efficiency: N/A
Efficacy: 57.5 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	199392
5°	194651
10°	180357
15°	160637
20°	138052
25°	117345
30°	96597
35°	75275
40°	54159
45°	34360
50°	20332
55°	13992
60°	12850
65°	11934
70°	10707
75°	9743
80°	9218
85°	7799

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 34360 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	82.0	9.8
10°-20°	196.4	23.4
20°-30°	222.0	26.5
30°-40°	175.6	20.9
40°-50°	88.7	10.6
50°-60°	35.5	4.2
60°-70°	22.8	2.7
70°-80°	12.5	1.5
80°-90°	3.5	0.4
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°	500.4	59.6
0°-40°	676.0	80.6
0°-60°	800.2	95.4
0°-90°	839.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	839.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	909	
5°	884	82
15°	708	196
25°	485	222
35°	281	176
45°	111	89
55°	37	36
65°	23	23
75°	12	13
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	909.3
1°	909.3
2°	906.2
3°	901.0
4°	893.7
5°	884.3
6°	872.8
7°	859.2
8°	844.5
9°	827.8
10°	810.0
11°	790.2
12°	771.4
13°	749.4
14°	728.5
15°	707.6
17.5°	649.1
20°	591.6
22.5°	537.2
25°	485.0
27.5°	433.8
30°	381.5
32.5°	332.4
35°	281.2
37.5°	234.1
40°	189.2
42.5°	147.4
45°	110.8
47.5°	82.6
50°	59.6
52.5°	44.9
55°	36.6
57.5°	33.4
60°	29.3
62.5°	26.1
65°	23.0
67.5°	19.9
70°	16.7
72.5°	14.6
75°	11.5
77.5°	9.4
80°	7.3
82.5°	5.2
85°	3.1
87.5°	1.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)