

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: P1249256

Luminaire Tested: P3AS13R309027DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249256
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R309027DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

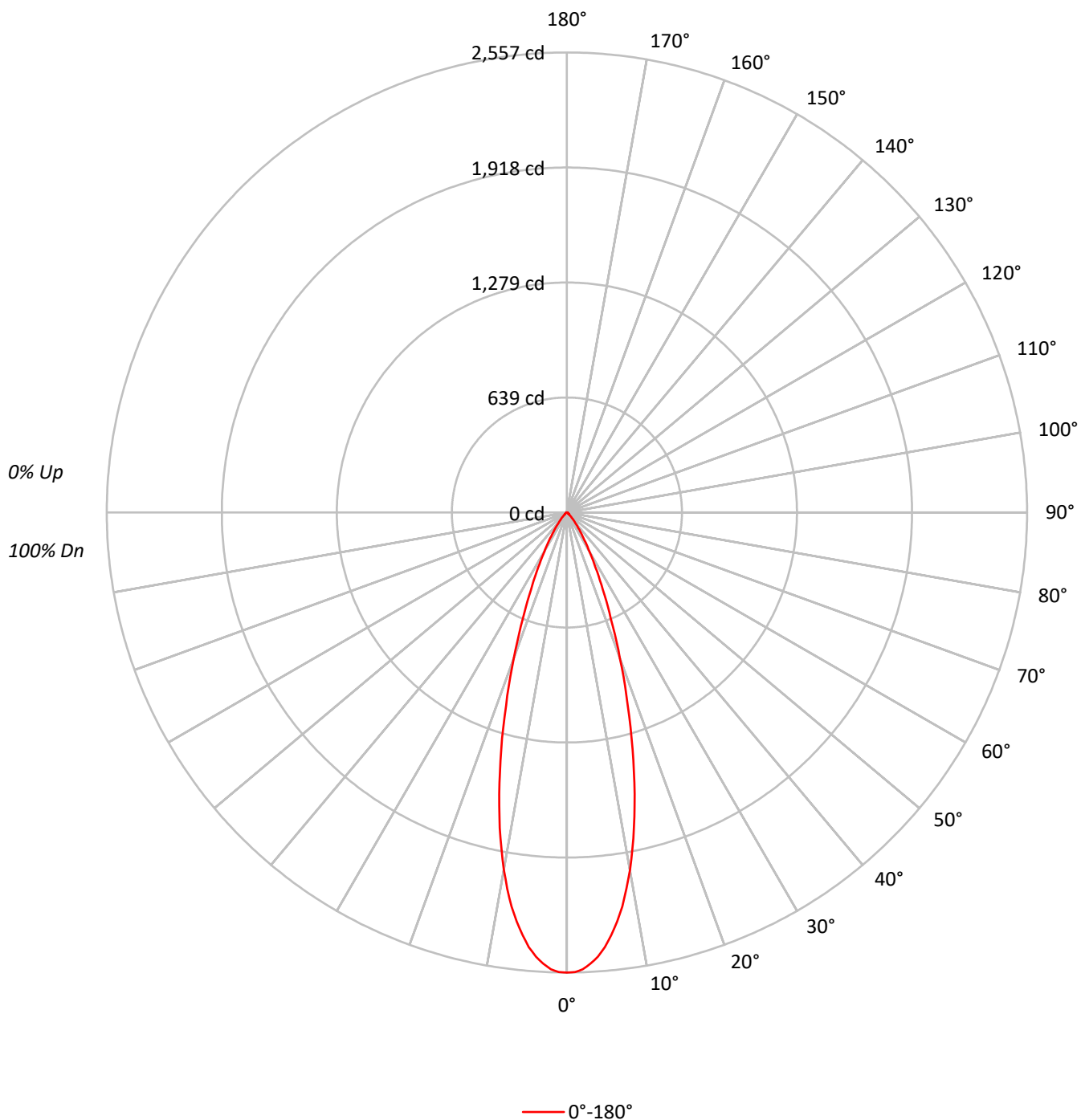
Lumens per Lamp: N/A
Luminaire Lumens: 961.0 lumens
Efficiency: N/A
Efficacy: 65.8 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	85	81	77	84	80	77		83	79	76		81
7	90	82	77	74	89	82	77	74	81	76	73		80	76	73		79
8	87	79	74	71	86	79	74	71	78	73	70		77	73	70		76
9	84	76	71	68	83	75	71	68	75	70	67		74	70	67		73
10	81	73	68	65	80	73	68	65	72	68	65		71	67	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	560766
5°	533743
10°	448956
15°	323770
20°	200824
25°	114224
30°	63453
35°	34506
40°	18177
45°	9861
50°	5254
55°	3479
60°	3201
65°	3321
70°	2885
75°	2288
80°	2273
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9861 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	218.3	22.7
10°-20°	388.1	40.4
20°-30°	224.3	23.3
30°-40°	85.1	8.9
40°-50°	26.1	2.7
50°-60°	8.8	0.9
60°-70°	6.0	0.6
70°-80°	3.2	0.3
80°-90°	1.0	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°	830.8	86.4
0°-40°	915.9	95.3
0°-60°	950.9	98.9
0°-90°	961.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	961.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2557	
5°	2425	218
15°	1426	388
25°	472	224
35°	129	85
45°	32	26
55°	9	9
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2557.3
1°	2555.5
2°	2540.1
3°	2511.0
4°	2474.7
5°	2424.8
6°	2361.2
7°	2290.4
8°	2211.5
9°	2117.0
10°	2016.3
11°	1907.3
12°	1792.0
13°	1671.3
14°	1548.7
15°	1426.2
17.5°	1124.8
20°	860.6
22.5°	638.2
25°	472.1
27.5°	343.2
30°	250.6
32.5°	180.7
35°	128.9
37.5°	89.9
40°	63.5
42.5°	44.5
45°	31.8
47.5°	21.8
50°	15.4
52.5°	10.9
55°	9.1
57.5°	8.2
60°	7.3
62.5°	6.4
65°	6.4
67.5°	5.4
70°	4.5
72.5°	3.6
75°	2.7
77.5°	2.7
80°	1.8
82.5°	1.8
85°	0.9
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)