

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: P1262273

Luminaire Tested: P3AS09R309727DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262273
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: P3AS09R309727DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 97CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

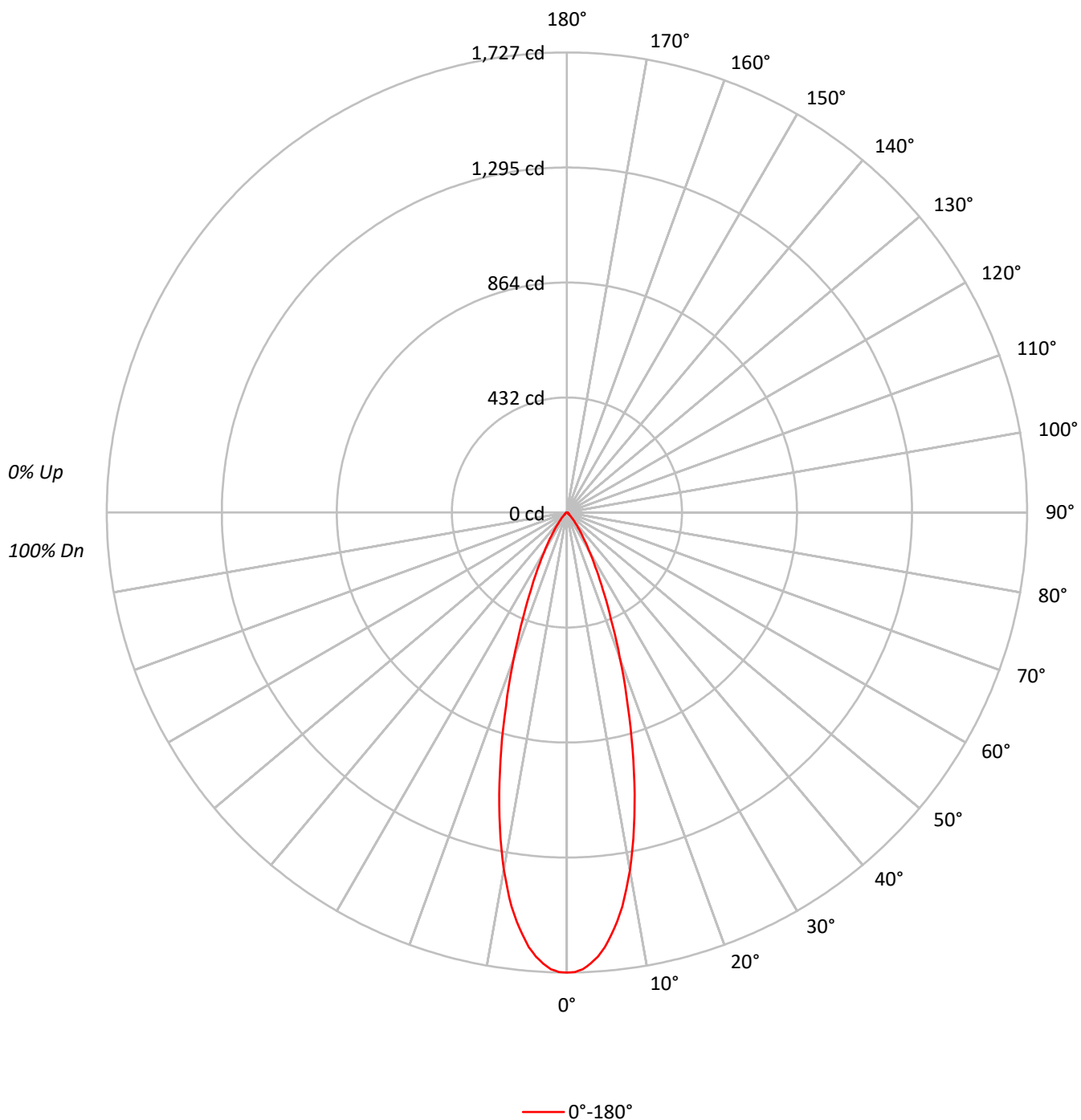
Lumens per Lamp: N/A
Luminaire Lumens: 649.0 lumens
Efficiency: N/A
Efficacy: 58.5 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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					30					10					0
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	114	112	110	108		112	110	108	106		106	104	103		102	101	100		99	98	97
2	110	105	102	99		107	104	101	98		101	98	96		98	96	94		95	93	92
3	105	100	96	92		103	98	95	91		96	93	90		94	91	89		91	89	87
4	101	95	90	87		99	94	89	86		92	88	85		90	87	84		88	85	83
5	97	90	85	82		96	89	85	81		88	84	81		86	83	80		85	82	79
6	94	86	81	78		92	85	81	77		84	80	77		83	79	76		81	78	76
7	90	82	77	74		89	82	77	74		81	76	73		80	76	73		79	75	73
8	87	79	74	71		86	79	74	71		78	73	70		77	73	70		76	72	70
9	84	76	71	68		83	75	71	68		75	70	67		74	70	67		73	70	67
10	81	73	68	65		80	73	68	65		72	68	65		71	67	65		71	67	65

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	378720
5°	360466
10°	303201
15°	218662
20°	135625
25°	77133
30°	42842
35°	23316
40°	12280
45°	6667
50°	3548
55°	2332
60°	2149
65°	2231
70°	1988
75°	1525
80°	1515
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6667 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	147.5	22.7
10°-20°	262.1	40.4
20°-30°	151.5	23.3
30°-40°	57.5	8.9
40°-50°	17.6	2.7
50°-60°	5.9	0.9
60°-70°	4.0	0.6
70°-80°	2.2	0.3
80°-90°	0.7	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°	561.0	86.5
0°-40°	618.5	95.3
0°-60°	642.1	98.9
0°-90°	649.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	649.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1727	
5°	1638	147
15°	963	262
25°	319	151
35°	87	57
45°	22	18
55°	6	6
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1727.1
1°	1725.8
2°	1715.4
3°	1695.8
4°	1671.3
5°	1637.6
6°	1594.6
7°	1546.8
8°	1493.5
9°	1429.7
10°	1361.7
11°	1288.1
12°	1210.2
13°	1128.7
14°	1045.9
15°	963.2
17.5°	759.6
20°	581.2
22.5°	431.0
25°	318.8
27.5°	231.7
30°	169.2
32.5°	122.0
35°	87.1
37.5°	60.7
40°	42.9
42.5°	30.0
45°	21.5
47.5°	14.7
50°	10.4
52.5°	7.4
55°	6.1
57.5°	5.5
60°	4.9
62.5°	4.3
65°	4.3
67.5°	3.7
70°	3.1
72.5°	2.5
75°	1.8
77.5°	1.8
80°	1.2
82.5°	1.2
85°	0.6
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)