

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: P1271629

Luminaire Tested: P3AS09R359827DE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271629
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R359827DE010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 98CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

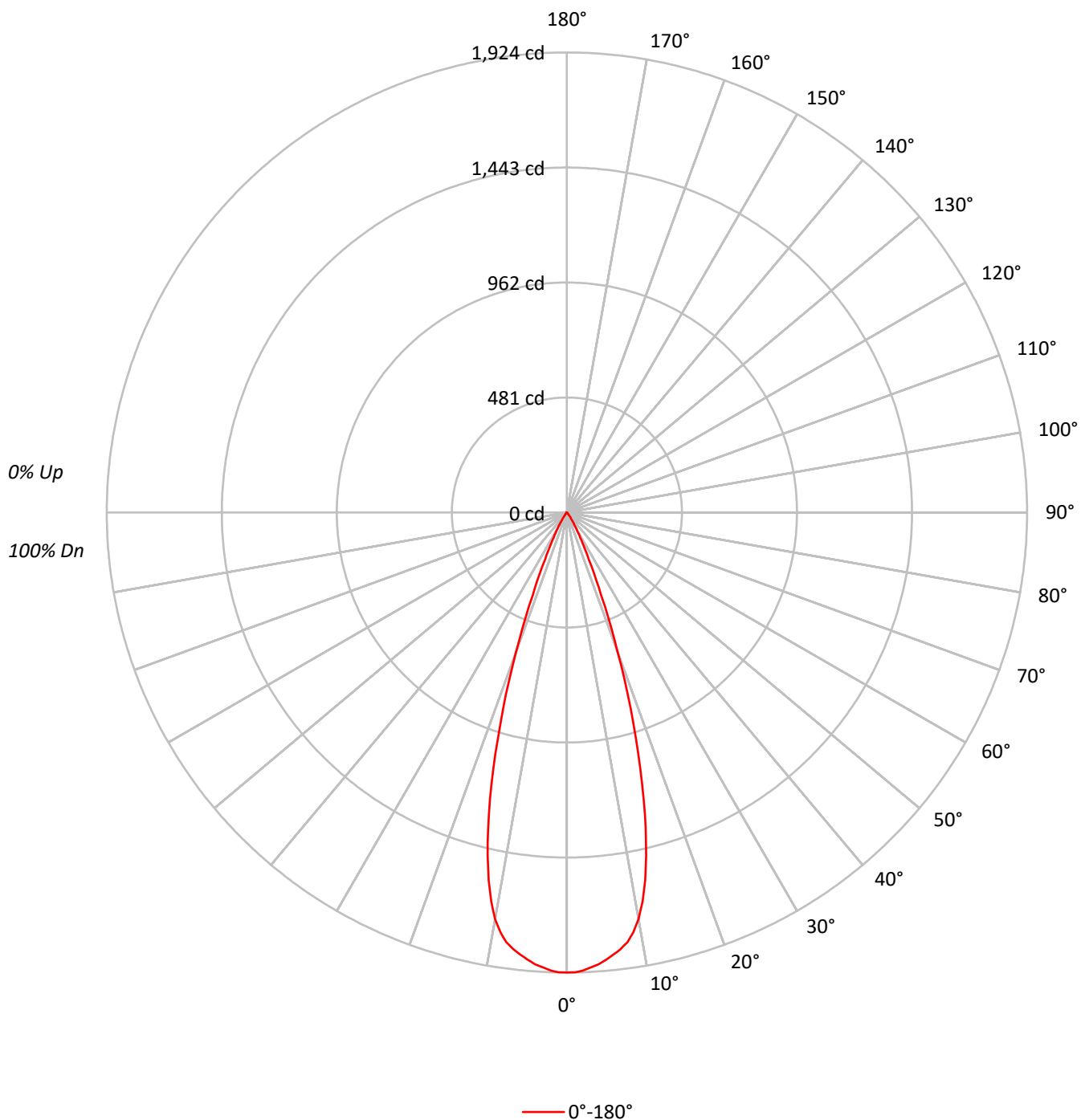
Lumens per Lamp: N/A
Luminaire Lumens: 646.9 lumens
Efficiency: N/A
Efficacy: 58.8 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.52
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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	115	113	111	109	112	110	109	107	107	105	104		103	102	101		99
2	111	107	104	101	109	105	103	100	102	100	98		99	98	96		97
3	107	102	98	95	105	101	98	95	98	96	93		96	94	92		94
4	104	98	94	91	102	97	93	90	95	92	89		93	90	88		91
5	100	94	90	87	99	93	89	86	92	88	86		90	87	85		89
6	97	91	86	83	96	90	86	83	89	85	82		87	84	82		86
7	94	87	83	80	93	87	83	80	86	82	79		85	81	79		84
8	91	84	80	77	90	84	80	77	83	79	77		82	79	76		81
9	89	82	77	74	88	81	77	74	80	77	74		80	76	74		79
10	86	79	75	72	85	79	75	72	78	74	72		77	74	72		77

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	421896
5°	413294
10°	384495
15°	281886
20°	144353
25°	52019
30°	20256
35°	7094
40°	2920
45°	775
50°	682
55°	765
60°	658
65°	519
70°	641
75°	847
80°	631
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 75°

Luminance: 847 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	175.0	27.1
10°-20°	328.4	50.8
20°-30°	116.3	18.0
30°-40°	20.4	3.1
40°-50°	3.0	0.5
50°-60°	1.6	0.3
60°-70°	1.2	0.2
70°-80°	0.9	0.1
80°-90°	0.2	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°	619.7	95.8
0°-40°	640.1	98.9
0°-60°	644.7	99.7
0°-90°	646.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	646.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1924	
5°	1878	175
15°	1242	328
25°	215	116
35°	26	20
45°	2	3
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1924.0
1°	1923.4
2°	1917.3
3°	1905.6
4°	1894.9
5°	1877.6
6°	1859.8
7°	1839.9
8°	1815.4
9°	1777.2
10°	1726.8
11°	1657.0
12°	1572.9
13°	1473.0
14°	1363.0
15°	1241.7
17.5°	924.8
20°	618.6
22.5°	373.0
25°	215.0
27.5°	128.4
30°	80.0
32.5°	46.4
35°	26.5
37.5°	16.8
40°	10.2
42.5°	5.1
45°	2.5
47.5°	2.0
50°	2.0
52.5°	2.0
55°	2.0
57.5°	1.5
60°	1.5
62.5°	1.5
65°	1.0
67.5°	1.0
70°	1.0
72.5°	1.0
75°	1.0
77.5°	0.5
80°	0.5
82.5°	0.5
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)