

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: P1269433

Luminaire Tested: P3A09R359740DE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269433
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: P3A09R359740DE010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 97CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

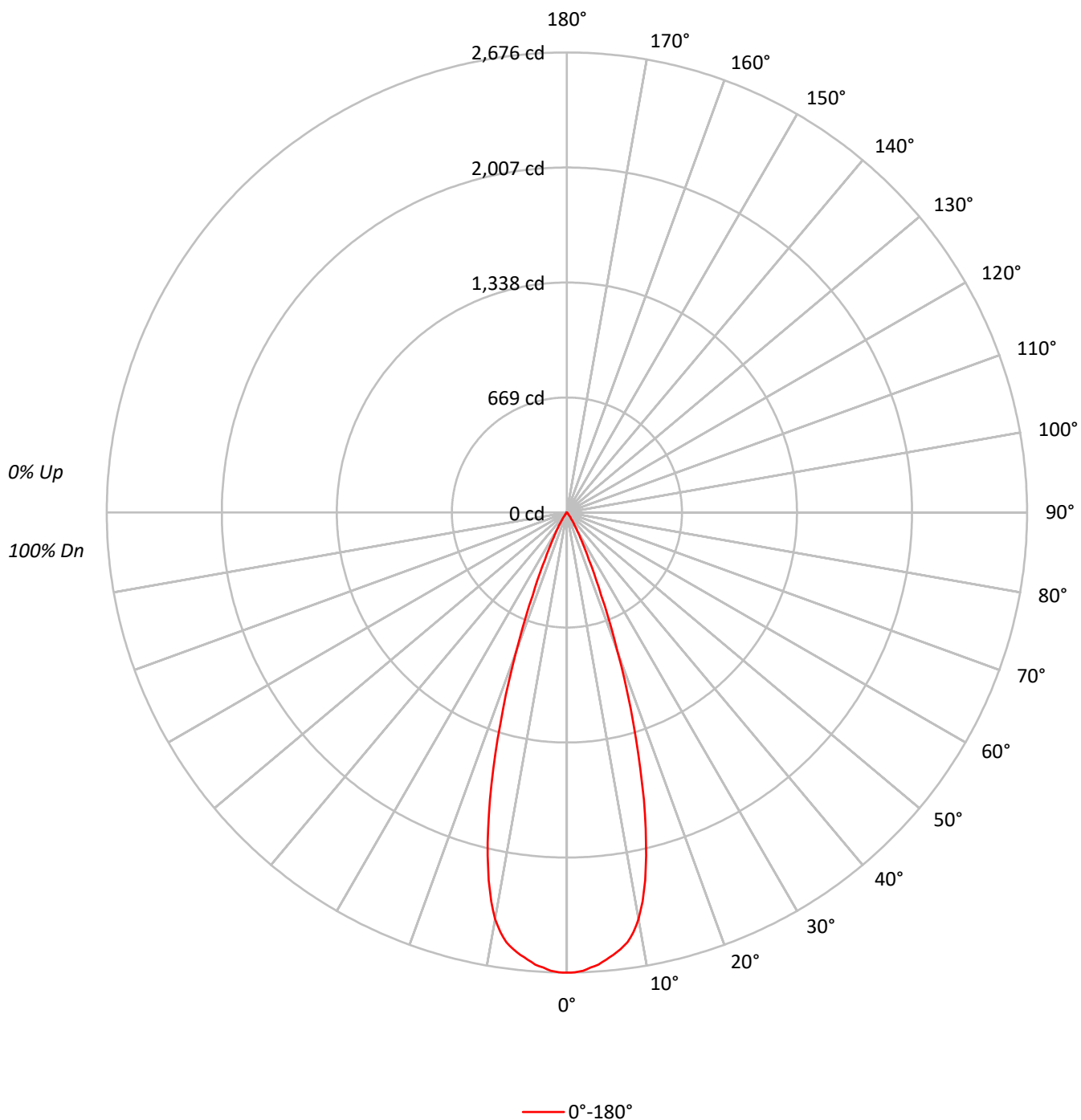
Lumens per Lamp: N/A
Luminaire Lumens: 899.9 lumens
Efficiency: N/A
Efficacy: 81.1 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.52
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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					50					30					10
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	115	113	111	109		112	110	109	107		106	105	104		103	102	101		99	99	98
2	111	107	104	101		109	105	103	100		102	100	98		99	98	96		97	95	94
3	107	102	98	95		105	101	98	95		98	96	93		96	94	92		94	92	90
4	104	98	94	91		102	97	93	90		95	92	89		93	90	88		91	89	87
5	100	94	90	87		99	93	89	86		92	88	86		90	87	85		89	86	84
6	97	91	86	83		96	90	86	83		89	85	82		87	84	82		86	83	81
7	94	87	83	80		93	87	83	80		86	82	79		85	81	79		84	81	79
8	91	84	80	77		90	84	80	77		83	79	77		82	79	76		81	78	76
9	89	82	77	74		88	81	77	74		80	77	74		80	76	74		79	76	74
10	86	79	75	72		85	79	75	72		78	74	72		77	74	72		77	74	71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	586861
5°	574905
10°	534838
15°	392125
20°	200777
25°	72367
30°	28182
35°	9878
40°	4065
45°	1085
50°	955
55°	1070
60°	921
65°	726
70°	898
75°	1186
80°	884
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 75°

Luminance: 1186 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	243.5	27.1
10°-20°	456.8	50.8
20°-30°	161.7	18.0
30°-40°	28.3	3.1
40°-50°	4.1	0.5
50°-60°	2.3	0.3
60°-70°	1.6	0.2
70°-80°	1.2	0.1
80°-90°	0.3	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°	862.1	95.8
0°-40°	890.4	98.9
0°-60°	896.8	99.7
0°-90°	899.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	899.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2676	
5°	2612	243
15°	1727	457
25°	299	162
35°	37	28
45°	4	4
55°	3	2
65°	1	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2676.3
1°	2675.6
2°	2667.1
3°	2650.8
4°	2635.9
5°	2611.8
6°	2587.0
7°	2559.3
8°	2525.3
9°	2472.2
10°	2402.0
11°	2304.9
12°	2188.0
13°	2049.0
14°	1895.9
15°	1727.3
17.5°	1286.4
20°	860.4
22.5°	518.8
25°	299.1
27.5°	178.6
30°	111.3
32.5°	64.5
35°	36.9
37.5°	23.4
40°	14.2
42.5°	7.1
45°	3.5
47.5°	2.8
50°	2.8
52.5°	2.8
55°	2.8
57.5°	2.1
60°	2.1
62.5°	2.1
65°	1.4
67.5°	1.4
70°	1.4
72.5°	1.4
75°	1.4
77.5°	0.7
80°	0.7
82.5°	0.7
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)