

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: P1256929

Luminaire Tested: P3AS09R259040DE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256929
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R259040DE010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

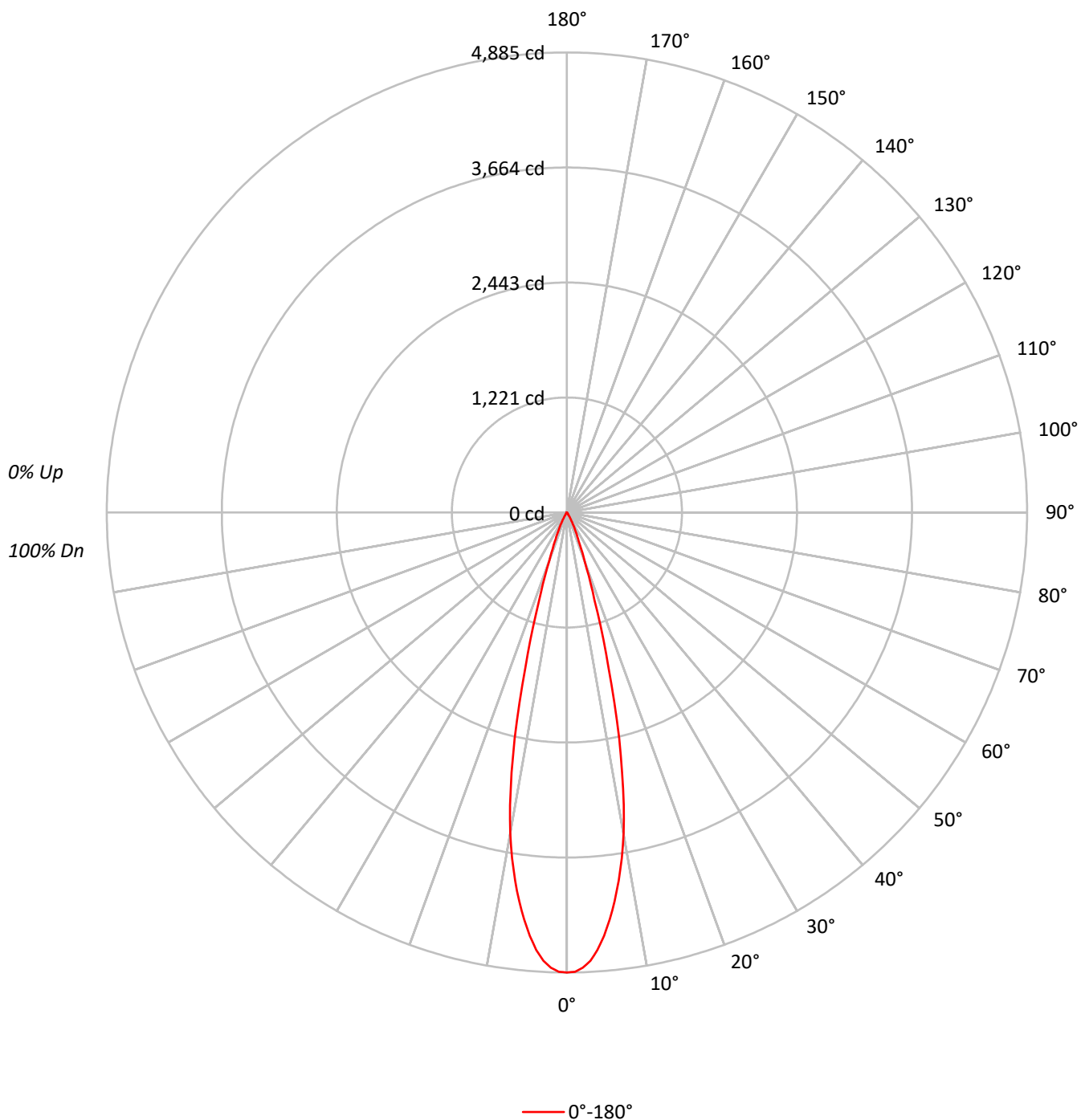
Lumens per Lamp: N/A
Luminaire Lumens: 1002.1 lumens
Efficiency: N/A
Efficacy: 90.3 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	115	113	111	110		113	111	109	108		107	106	105		103	103	102		100	99	99
2	112	108	105	103		110	107	104	102		104	102	100		101	99	98		98	97	96
3	108	104	101	98		107	103	100	97		100	98	96		98	96	94		96	94	93
4	105	100	97	94		104	99	96	93		97	95	92		96	93	91		94	92	90
5	103	97	93	90		101	96	93	90		95	92	89		93	91	89		92	90	88
6	100	94	90	87		99	93	90	87		92	89	87		91	88	86		90	87	86
7	97	91	88	85		96	91	87	85		90	87	84		89	86	84		88	85	83
8	95	89	85	83		94	89	85	82		88	84	82		87	84	82		86	83	81
9	93	87	83	80		92	86	83	80		86	82	80		85	82	80		84	82	80
10	91	85	81	78		90	84	81	78		84	80	78		83	80	78		82	80	78

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1071274
5°	993592
10°	770549
15°	386381
20°	126944
25°	50471
30°	18940
35°	5488
40°	2490
45°	961
50°	819
55°	612
60°	702
65°	830
70°	513
75°	678
80°	1010
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 1010 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	397.0	39.6
10°-20°	473.7	47.3
20°-30°	106.8	10.7
30°-40°	17.3	1.7
40°-50°	3.1	0.3
50°-60°	1.7	0.2
60°-70°	1.5	0.1
70°-80°	0.8	0.1
80°-90°	0.1	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°	977.5	97.5
0°-40°	994.8	99.3
0°-60°	999.7	99.8
0°-90°	1002.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1002.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4885	
5°	4514	397
15°	1702	474
25°	209	107
35°	20	17
45°	3	3
55°	2	2
65°	2	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	4885.4
1°	4877.6
2°	4838.2
3°	4765.8
4°	4656.4
5°	4513.9
6°	4343.8
7°	4159.6
8°	3948.7
9°	3718.0
10°	3460.6
11°	3163.8
12°	2822.2
13°	2464.8
14°	2081.4
15°	1702.0
17.5°	969.8
20°	544.0
22.5°	328.3
25°	208.6
27.5°	128.3
30°	74.8
32.5°	39.4
35°	20.5
37.5°	13.4
40°	8.7
42.5°	5.5
45°	3.1
47.5°	2.4
50°	2.4
52.5°	2.4
55°	1.6
57.5°	1.6
60°	1.6
62.5°	1.6
65°	1.6
67.5°	1.6
70°	0.8
72.5°	0.8
75°	0.8
77.5°	0.8
80°	0.8
82.5°	0.0
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)