

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: P1247180

Luminaire Tested: P3A17R159024DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247180
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R159024DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 2400K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

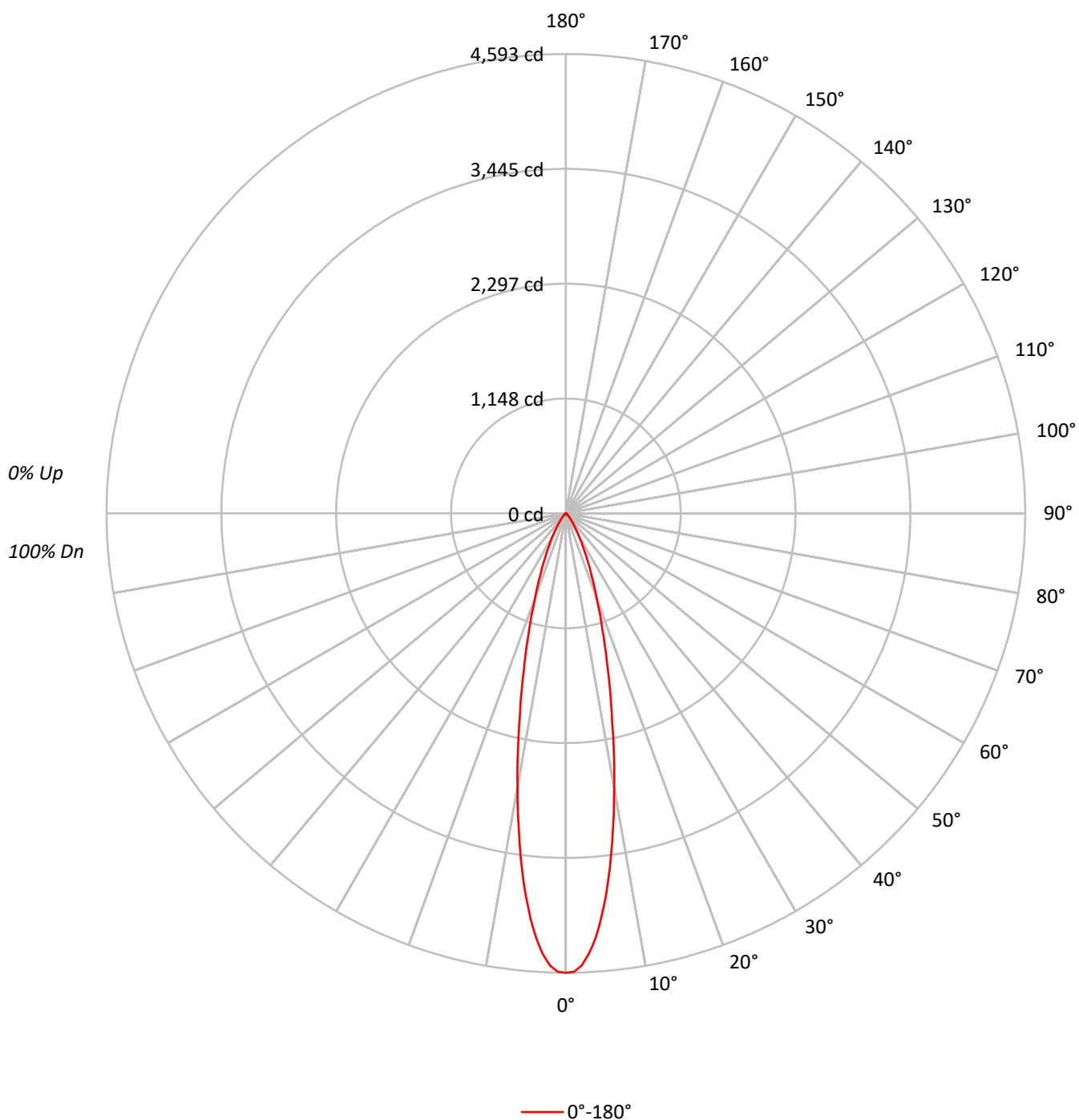
Lumens per Lamp: N/A
Luminaire Lumens: 1179.0 lumens
Efficiency: N/A
Efficacy: 55.6 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	106	103	100	108	104	101	99	101	99	97		98	96	95		96
3	106	101	97	93	104	99	96	93	97	94	91		94	92	90		92
4	102	96	92	88	100	95	91	88	93	89	87		91	88	86		89
5	98	92	87	84	97	91	87	83	89	85	83		88	84	82		86
6	95	88	83	80	94	87	83	80	86	82	79		85	81	79		83
7	92	85	80	77	91	84	80	76	83	79	76		82	78	76		81
8	89	81	77	74	88	81	77	73	80	76	73		79	75	73		78
9	86	79	74	71	85	78	74	71	77	73	71		77	73	70		76
10	84	76	71	68	83	76	71	68	75	71	68		74	71	68		74

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1007178
5°	894010
10°	620852
15°	367153
20°	209108
25°	119547
30°	66137
35°	35282
40°	19494
45°	10575
50°	6584
55°	5199
60°	4473
65°	4151
70°	3654
75°	3813
80°	2904
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10575 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	345.4	29.3
10°-20°	455.8	38.7
20°-30°	234.7	19.9
30°-40°	88.1	7.5
40°-50°	28.8	2.4
50°-60°	12.4	1.1
60°-70°	7.9	0.7
70°-80°	4.6	0.4
80°-90°	1.2	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°	1035.9	87.9
0°-40°	1124.0	95.3
0°-60°	1165.2	98.8
0°-90°	1179.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1179.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4593	
5°	4062	345
15°	1617	456
25°	494	235
35°	132	88
45°	34	29
55°	14	12
65°	8	8
75°	4	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	4593.1
1°	4584.0
2°	4523.8
3°	4409.1
4°	4258.0
5°	4061.5
6°	3838.9
7°	3594.7
8°	3323.3
9°	3055.2
10°	2788.3
12.5°	2145.5
15°	1617.3
17.5°	1210.7
20°	896.1
22.5°	669.0
25°	494.1
27.5°	360.0
30°	261.2
32.5°	185.1
35°	131.8
37.5°	94.3
40°	68.1
42.5°	48.8
45°	34.1
47.5°	25.0
50°	19.3
52.5°	15.9
55°	13.6
57.5°	11.4
60°	10.2
62.5°	9.1
65°	8.0
67.5°	6.8
70°	5.7
72.5°	5.7
75°	4.5
77.5°	3.4
80°	2.3
82.5°	2.3
85°	1.1
87.5°	0.0
90°	0.0

(END OF REPORT)