

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: P1262941

Luminaire Tested: P3AS17R159727DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262941
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: P3AS17R159727DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

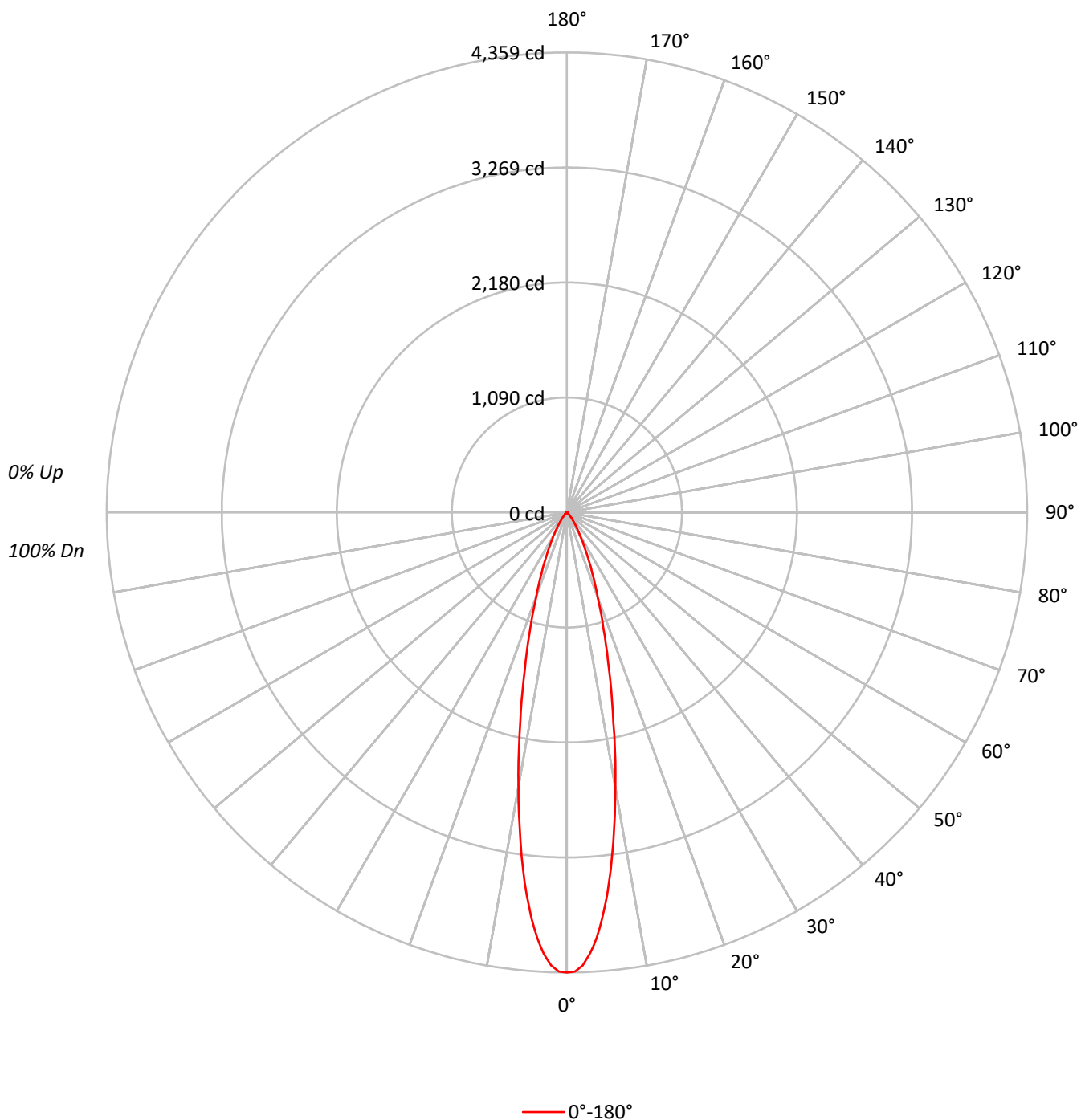
Lumens per Lamp: N/A
Luminaire Lumens: 1119.0 lumens
Efficiency: N/A
Efficacy: 52.8 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1262941

CATALOG NUMBER: P3AS17R159727DE010 E3DL1WMH

Luminous Intensity Polar Plot





TEST NUMBER: P1262941

CATALOG NUMBER: P3AS17R159727DE010 E3DL1WMH

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°	955910
5°	848512
10°	589257
15°	348470
20°	198467
25°	113450
30°	62769
35°	33462
40°	18520
45°	10017
50°	6243
55°	4932
60°	4254
65°	3891
70°	3462
75°	3643
80°	2778
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10017 cd/sqm

TEST NUMBER: P1262941

CATALOG NUMBER: P3AS17R159727DE010 E3DL1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	327.8	29.3
10°-20°	432.6	38.7
20°-30°	222.7	19.9
30°-40°	83.6	7.5
40°-50°	27.4	2.4
50°-60°	11.8	1.1
60°-70°	7.5	0.7
70°-80°	4.4	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°	983.2	87.9
0°-40°	1066.8	95.3
0°-60°	1105.9	98.8
0°-90°	1119.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1119.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4359	
5°	3855	328
15°	1535	433
25°	469	223
35°	125	84
45°	32	27
55°	13	12
65°	8	7
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1262941

CATALOG NUMBER: P3AS17R159727DE010 E3DL1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	4359.3
1°	4350.7
2°	4293.6
3°	4184.7
4°	4041.3
5°	3854.8
6°	3643.6
7°	3411.8
8°	3154.2
9°	2899.8
10°	2646.4
12.5°	2036.3
15°	1535.0
17.5°	1149.1
20°	850.5
22.5°	634.9
25°	468.9
27.5°	341.7
30°	247.9
32.5°	175.7
35°	125.0
37.5°	89.5
40°	64.7
42.5°	46.4
45°	32.3
47.5°	23.7
50°	18.3
52.5°	15.1
55°	12.9
57.5°	10.8
60°	9.7
62.5°	8.6
65°	7.5
67.5°	6.5
70°	5.4
72.5°	5.4
75°	4.3
77.5°	3.2
80°	2.2
82.5°	2.2
85°	1.1
87.5°	0.0
90°	0.0

(END OF REPORT)