

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: P1252307

Luminaire Tested: P3AS17R259030DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252307
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R259030DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

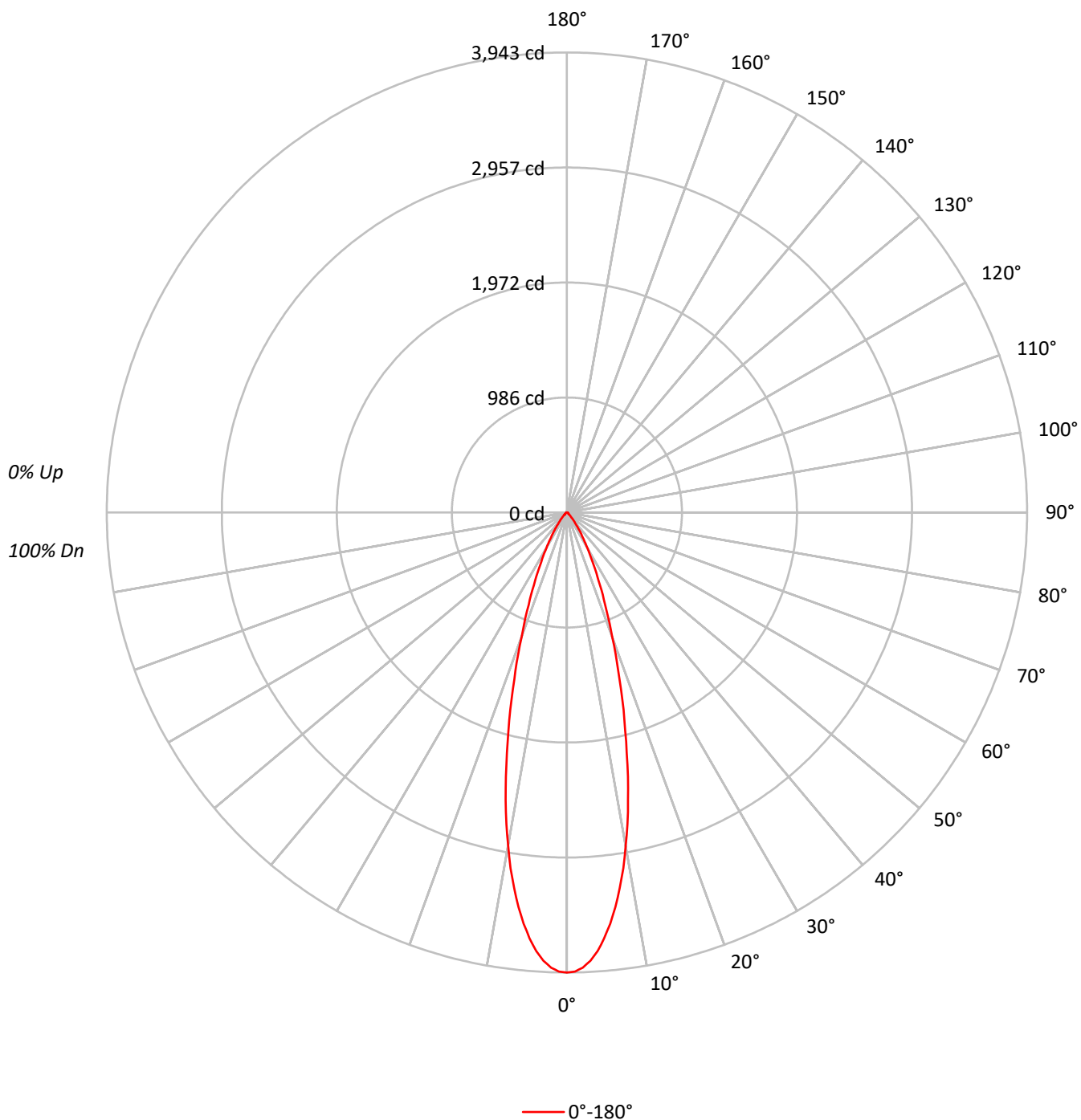
Lumens per Lamp: N/A
Luminaire Lumens: 1348.0 lumens
Efficiency: N/A
Efficacy: 63.6 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1252307

CATALOG NUMBER: P3AS17R259030DE010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1252307

CATALOG NUMBER: P3AS17R259030DE010 E3DL1MW

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	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	86	81	78	84	80	77		83	79	77		82
7	90	83	78	74	89	82	77	74	81	77	74		80	76	73		79
8	87	79	74	71	86	79	74	71	78	74	71		77	73	70		76
9	84	76	71	68	83	76	71	68	75	71	68		74	70	68		73
10	81	73	69	65	80	73	68	65	72	68	65		72	68	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	864689
5°	806734
10°	646258
15°	438686
20°	265440
25°	155211
30°	88393
35°	48613
40°	25820
45°	13583
50°	7914
55°	5926
60°	5087
65°	5344
70°	4937
75°	4406
80°	3283
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13583 cd/sqm

TEST NUMBER: P1252307

CATALOG NUMBER: P3AS17R259030DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	325.2	24.1
10°-20°	531.3	39.4
20°-30°	303.6	22.5
30°-40°	119.8	8.9
40°-50°	36.7	2.7
50°-60°	14.5	1.1
60°-70°	9.7	0.7
70°-80°	5.4	0.4
80°-90°	1.8	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°	1160.1	86.1
0°-40°	1279.8	94.9
0°-60°	1331.1	98.7
0°-90°	1348.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1348.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3943	
5°	3665	325
15°	1932	531
25°	642	304
35°	182	120
45°	44	37
55°	16	15
65°	10	10
75°	5	5
85°	1	2
90°	0	

TEST NUMBER: P1252307

CATALOG NUMBER: P3AS17R259030DE010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	3943.3
1°	3935.6
2°	3903.4
3°	3846.7
4°	3768.1
5°	3665.0
6°	3544.0
7°	3407.4
8°	3248.9
9°	3086.6
10°	2902.4
11°	2720.8
12°	2521.1
13°	2324.0
14°	2121.7
15°	1932.4
17.5°	1498.2
20°	1137.5
22.5°	854.1
25°	641.5
27.5°	475.4
30°	349.1
32.5°	252.5
35°	181.6
37.5°	128.8
40°	90.2
42.5°	61.8
45°	43.8
47.5°	30.9
50°	23.2
52.5°	18.0
55°	15.5
57.5°	14.2
60°	11.6
62.5°	10.3
65°	10.3
67.5°	9.0
70°	7.7
72.5°	6.4
75°	5.2
77.5°	3.9
80°	2.6
82.5°	2.6
85°	1.3
87.5°	1.3



TEST NUMBER: P1252307

CATALOG NUMBER: P3AS17R259030DE010 E3DL1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)