

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: P1272264

Luminaire Tested: P3AS17R259827DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272264
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: P3AS17R259827DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

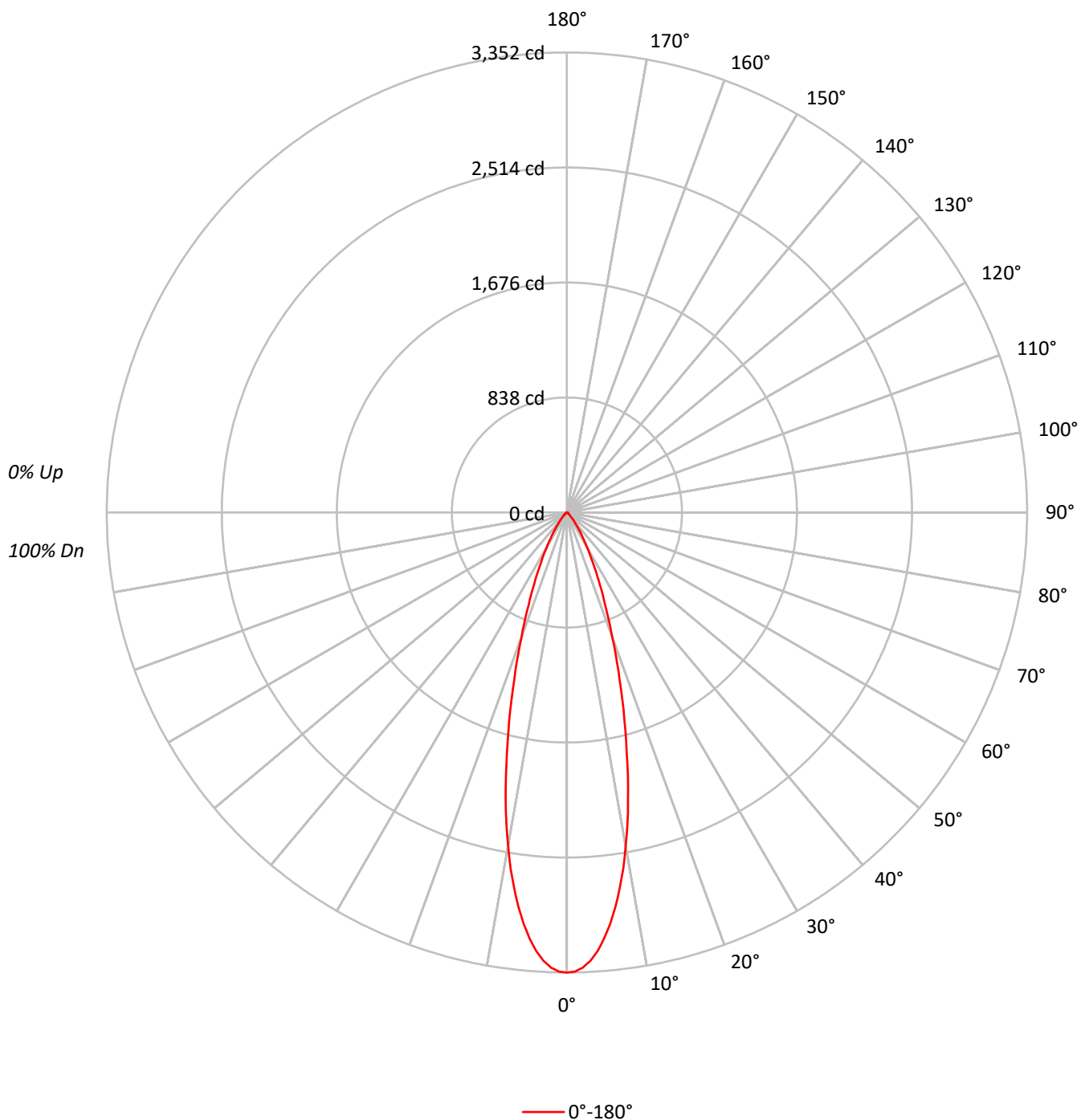
Lumens per Lamp: N/A
Luminaire Lumens: 1146.0 lumens
Efficiency: N/A
Efficacy: 56.2 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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	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°	735117
5°	685845
10°	549422
15°	372942
20°	225676
25°	131959
30°	75151
35°	41332
40°	21955
45°	11536
50°	6720
55°	5008
60°	4342
65°	4566
70°	4231
75°	3728
80°	2778
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11536 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	276.5	24.1
10°-20°	451.6	39.4
20°-30°	258.1	22.5
30°-40°	101.8	8.9
40°-50°	31.2	2.7
50°-60°	12.3	1.1
60°-70°	8.3	0.7
70°-80°	4.6	0.4
80°-90°	1.5	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°	986.2	86.1
0°-40°	1088.1	94.9
0°-60°	1131.6	98.7
0°-90°	1146.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1146.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3352	
5°	3116	277
15°	1643	452
25°	545	258
35°	154	102
45°	37	31
55°	13	12
65°	9	8
75°	4	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3352.4
1°	3345.8
2°	3318.4
3°	3270.3
4°	3203.5
5°	3115.8
6°	3012.9
7°	2896.8
8°	2762.1
9°	2624.1
10°	2467.5
11°	2313.1
12°	2143.3
13°	1975.7
14°	1803.8
15°	1642.8
17.5°	1273.7
20°	967.1
22.5°	726.1
25°	545.4
27.5°	404.1
30°	296.8
32.5°	214.7
35°	154.4
37.5°	109.5
40°	76.7
42.5°	52.6
45°	37.2
47.5°	26.3
50°	19.7
52.5°	15.3
55°	13.1
57.5°	12.0
60°	9.9
62.5°	8.8
65°	8.8
67.5°	7.7
70°	6.6
72.5°	5.5
75°	4.4
77.5°	3.3
80°	2.2
82.5°	2.2
85°	1.1
87.5°	1.1



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)