

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: P1272324

Luminaire Tested: P3AS17R359827DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272324
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R359827DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

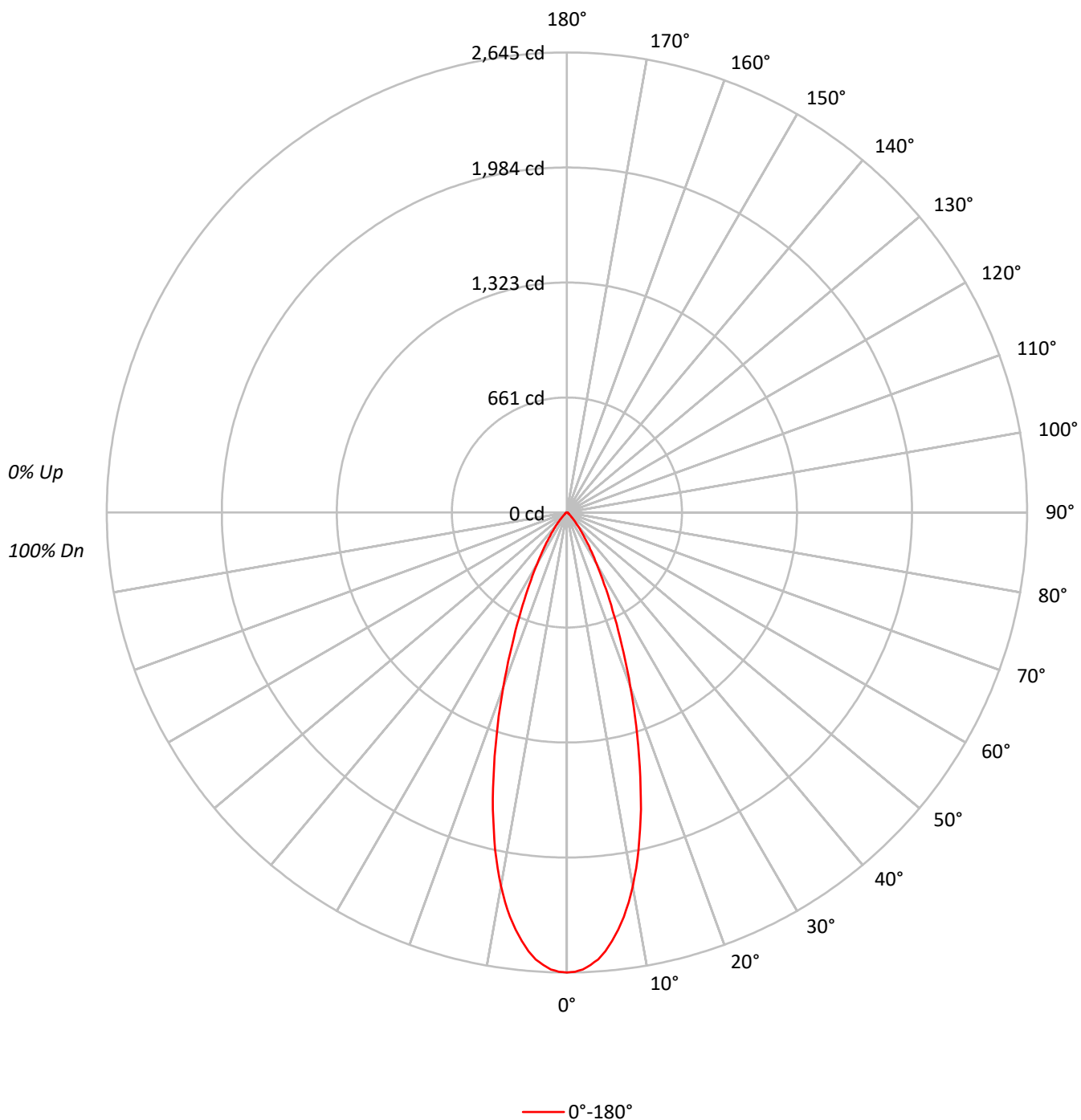
Lumens per Lamp: N/A
Luminaire Lumens: 1150.0 lumens
Efficiency: N/A
Efficacy: 56.4 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	109	107	112	109	107	106	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77
8	85	77	72	69	84	77	72	68	76	71	68		75	71	68		74
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	580019
5°	557428
10°	485673
15°	372011
20°	248895
25°	150589
30°	86418
35°	48318
40°	25677
45°	13242
50°	6345
55°	5008
60°	4780
65°	3995
70°	4231
75°	3728
80°	4167
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13242 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	230.4	20.0
10°-20°	446.5	38.8
20°-30°	292.3	25.4
30°-40°	118.6	10.3
40°-50°	35.6	3.1
50°-60°	12.1	1.0
60°-70°	8.1	0.7
70°-80°	4.8	0.4
80°-90°	1.6	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°	969.2	84.3
0°-40°	1087.8	94.6
0°-60°	1135.5	98.7
0°-90°	1150.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1150.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2645	
5°	2532	230
15°	1639	447
25°	622	292
35°	180	119
45°	43	36
55°	13	12
65°	8	8
75°	4	5
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2645.1
1°	2640.7
2°	2628.6
3°	2604.6
4°	2576.1
5°	2532.4
6°	2477.7
7°	2416.4
8°	2347.5
9°	2268.8
10°	2181.2
11°	2083.9
12°	1982.2
13°	1868.4
14°	1760.1
15°	1638.7
17.5°	1344.4
20°	1066.6
22.5°	820.4
25°	622.4
27.5°	463.8
30°	341.3
32.5°	250.5
35°	180.5
37.5°	128.0
40°	89.7
42.5°	62.4
45°	42.7
47.5°	28.4
50°	18.6
52.5°	14.2
55°	13.1
57.5°	12.0
60°	10.9
62.5°	9.8
65°	7.7
67.5°	6.6
70°	6.6
72.5°	5.5
75°	4.4
77.5°	3.3
80°	3.3
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)