

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: P1272334

Luminaire Tested: P3AS17R359827DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272334
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R359827DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 98CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

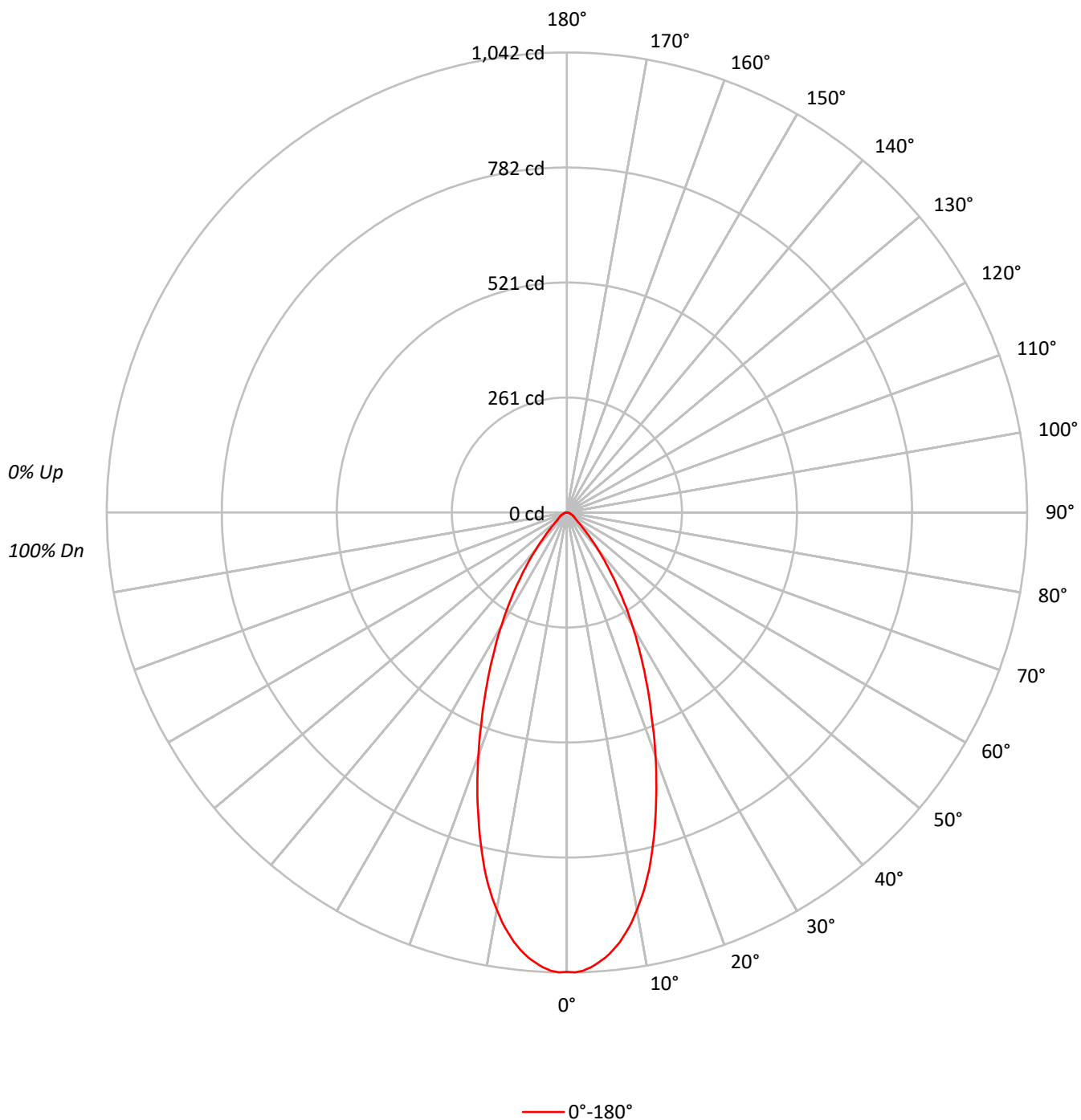
Lumens per Lamp: N/A
Luminaire Lumens: 710.0 lumens
Efficiency: N/A
Efficacy: 34.8 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					30					10					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10			0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102			100
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95			93
2	107	102	98	94	105	100	97	93	97	94	91	94	92	89	91	89	87			86
3	102	95	90	86	100	94	89	85	91	87	84	89	85	82	86	84	81			80
4	97	89	83	79	95	88	82	78	86	81	77	84	80	77	82	78	76			74
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71			69
6	87	78	72	68	86	77	72	68	76	71	67	75	70	67	73	69	66			65
7	83	74	68	63	82	73	67	63	72	67	63	71	66	63	69	65	62			61
8	79	70	64	60	78	69	63	59	68	63	59	67	62	59	66	62	59			57
9	76	66	60	56	75	66	60	56	65	59	56	64	59	56	63	59	56			54
10	72	63	57	53	71	62	57	53	61	56	53	61	56	53	60	56	53			51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	228205
5°	222584
10°	203492
15°	172737
20°	136745
25°	103409
30°	75303
35°	50915
40°	31287
45°	17955
50°	10814
55°	8793
60°	7675
65°	6797
70°	5578
75°	5592
80°	5556
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17955 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.4	13.2
10°-20°	209.8	29.5
20°-30°	196.2	27.6
30°-40°	120.1	16.9
40°-50°	47.3	6.7
50°-60°	20.9	2.9
60°-70°	12.9	1.8
70°-80°	7.0	1.0
80°-90°	2.4	0.3
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°	499.5	70.3
0°-40°	619.5	87.3
0°-60°	687.7	96.9
0°-90°	710.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	710.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1041	
5°	1011	93
15°	761	210
25°	427	196
35°	190	120
45°	58	47
55°	23	21
65°	13	13
75°	7	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1040.7
1°	1041.8
2°	1038.5
3°	1032.0
4°	1022.2
5°	1011.2
6°	997.0
7°	980.6
8°	960.9
9°	939.1
10°	913.9
11°	887.7
12°	859.3
13°	828.7
14°	794.8
15°	760.9
17.5°	673.4
20°	586.0
22.5°	501.8
25°	427.4
27.5°	358.6
30°	297.4
32.5°	240.5
35°	190.2
37.5°	145.4
40°	109.3
42.5°	78.7
45°	57.9
47.5°	41.5
50°	31.7
52.5°	26.2
55°	23.0
57.5°	19.7
60°	17.5
62.5°	15.3
65°	13.1
67.5°	10.9
70°	8.7
72.5°	7.7
75°	6.6
77.5°	5.5
80°	4.4
82.5°	3.3
85°	2.2
87.5°	1.1



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)