

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: P1287584

Luminaire Tested: P3AS17R509030D2WDE010 E3D1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287584
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-32)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R509030D2WDE010 E3D1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R50 optic, 3000K CCT AND, 90CRI , E3D1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

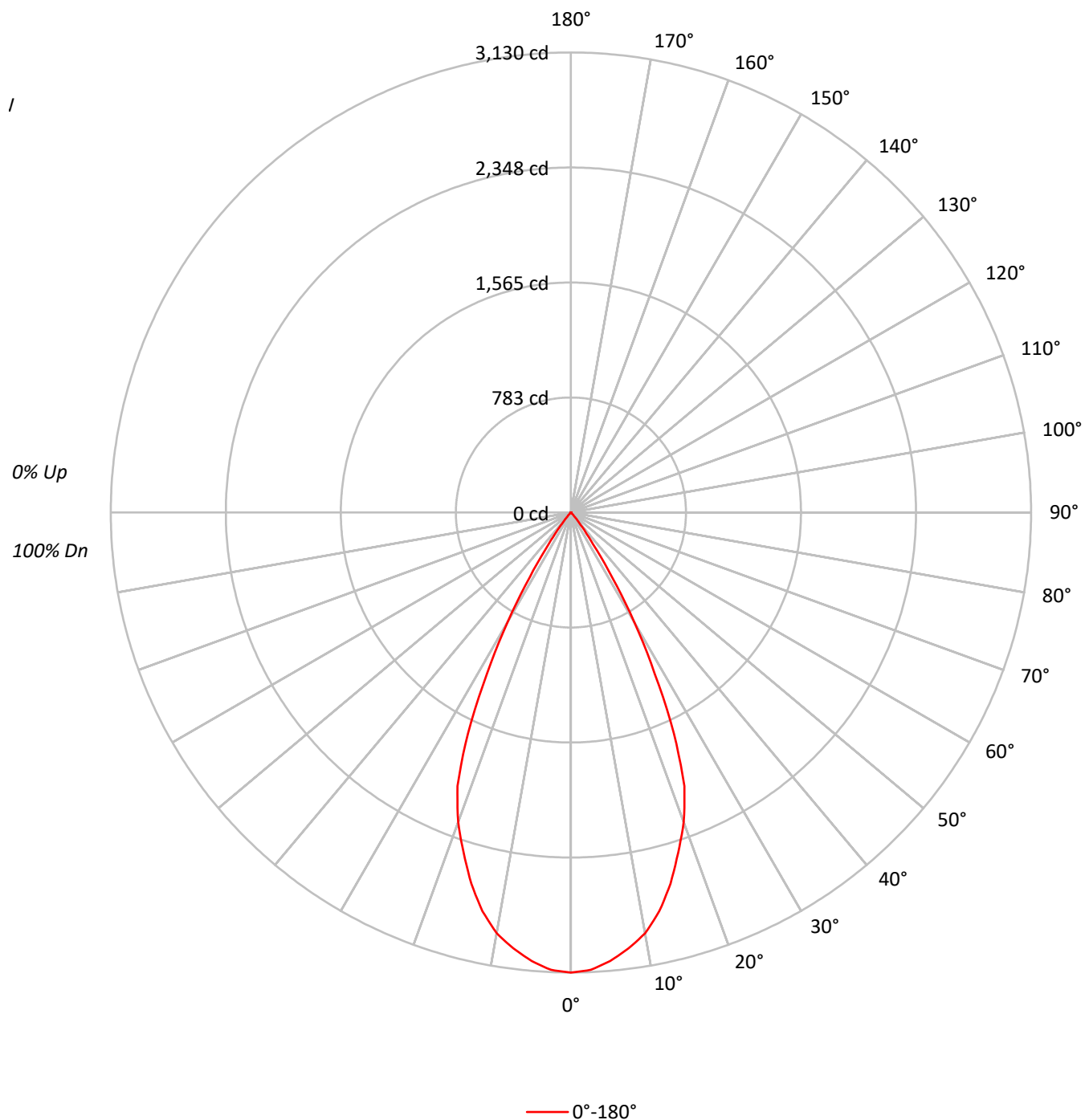
Lumens per Lamp: N/A
Luminaire Lumens: 1971.0 lumens
Efficiency: N/A
Efficacy: 72.2 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.3
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	101	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	92	88	85	90	87	84		88	85	83		87
5	96	89	84	80	94	88	83	79	86	82	79		84	81	78		83
6	92	84	79	75	91	83	79	75	82	78	74		81	77	74		79
7	88	80	75	71	87	79	74	71	78	74	71		77	73	70		76
8	85	76	71	67	83	76	71	67	75	70	67		74	70	67		73
9	81	73	68	64	80	72	67	64	71	67	64		71	66	63		70
10	78	69	64	61	77	69	64	61	68	64	61		68	63	61		67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	686436
5°	674156
10°	647305
15°	593579
20°	523412
25°	401176
30°	218135
35°	70189
40°	16488
45°	2233
50°	1979
55°	2217
60°	1886
65°	2231
70°	1859
75°	2457
80°	1768
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 85°

Luminance: 3522 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	287.4	14.6
10°-20°	726.8	36.9
20°-30°	727.9	36.9
30°-40°	204.7	10.4
40°-50°	12.4	0.6
50°-60°	4.7	0.2
60°-70°	3.7	0.2
70°-80°	2.5	0.1
80°-90°	1.0	0.0
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°	1742.1	88.4
0°-40°	1946.8	98.8
0°-60°	1963.8	99.6
0°-90°	1971.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1971.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3130	
5°	3063	287
15°	2615	727
25°	1658	728
35°	262	205
45°	7	12
55°	6	5
65°	4	4
75°	3	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3130.4
2.5°	3114.6
5°	3062.7
7.5°	2992.1
10°	2907.1
12.5°	2778.9
15°	2614.7
17.5°	2426.0
20°	2243.0
22.5°	2015.4
25°	1658.1
27.5°	1234.6
30°	861.5
32.5°	520.1
35°	262.2
37.5°	123.9
40°	57.6
42.5°	21.6
45°	7.2
47.5°	5.8
50°	5.8
52.5°	5.8
55°	5.8
57.5°	4.3
60°	4.3
62.5°	4.3
65°	4.3
67.5°	2.9
70°	2.9
72.5°	2.9
75°	2.9
77.5°	1.4
80°	1.4
82.5°	1.4
85°	1.4
87.5°	0.0
90°	0.0

(END OF REPORT)