

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: P1287583

Luminaire Tested: P3AS17R509030D2WDE010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287583
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R509030D2WDE010 E3D1LI
Description: 3in Adjustable Dim to Warm LED luminaire with, R50 optic, 3000K CCT AND, 90CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

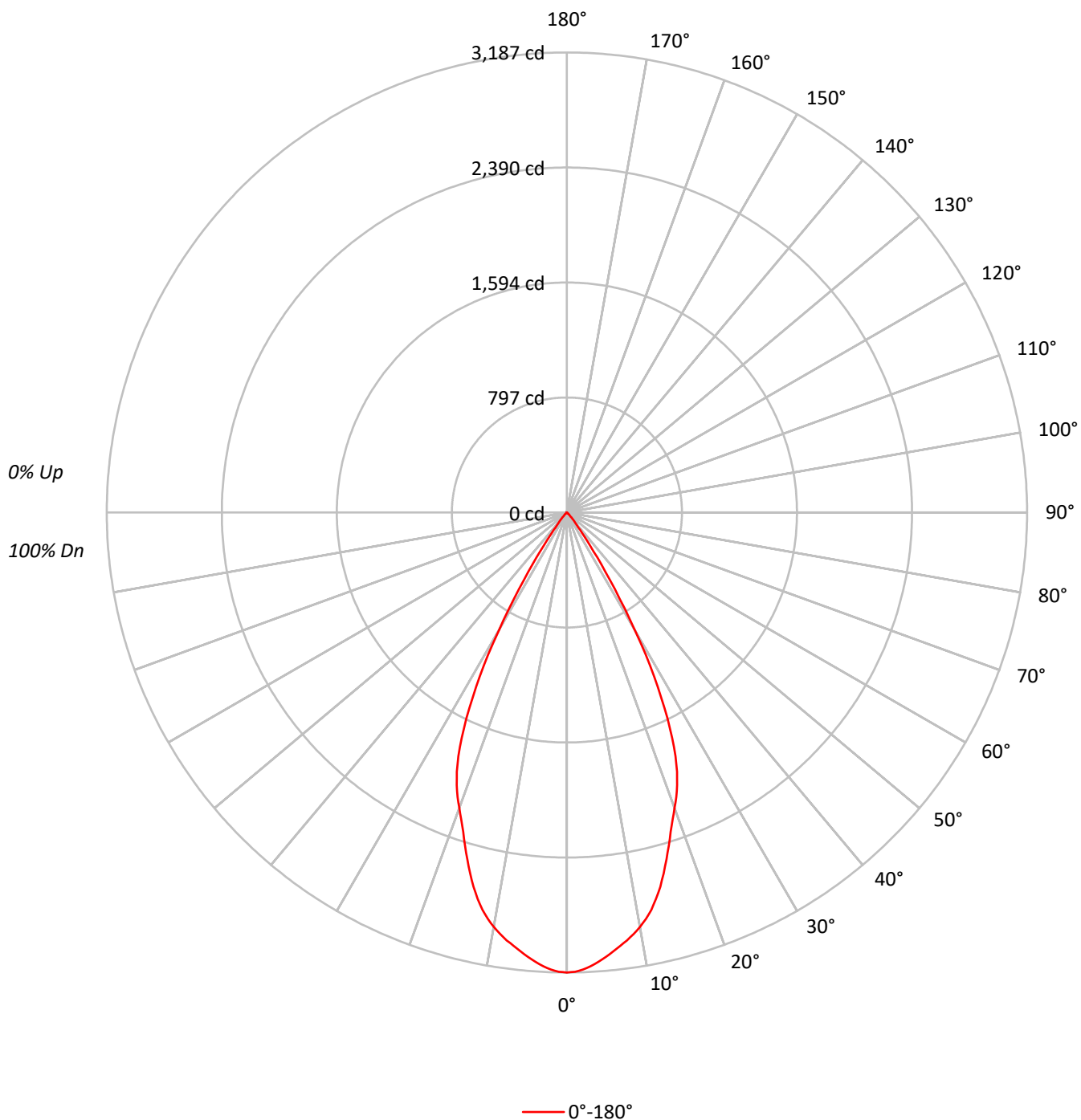
Lumens per Lamp: N/A
Luminaire Lumens: 2000.0 lumens
Efficiency: N/A
Efficacy: 73.3 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1287583

CATALOG NUMBER: P3AS17R509030D2WDE010 E3D1LI

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	110	108	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	78	75	82	78	74		81	77	74		79
7	88	80	75	71	87	79	74	71	78	74	70		77	73	70		76
8	84	76	71	67	83	76	71	67	75	70	67		74	69	66		73
9	81	73	67	64	80	72	67	64	71	67	63		70	66	63		70
10	78	69	64	61	77	69	64	61	68	64	60		67	63	60		67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	698913
5°	680320
10°	649220
15°	587745
20°	508478
25°	417097
30°	239606
35°	74418
40°	20009
45°	7008
50°	1672
55°	535
60°	307
65°	363
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7008 cd/sqm

TEST NUMBER: P1287583

CATALOG NUMBER: P3AS17R509030D2WDE010 E3D1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	289.5	14.5
10°-20°	717.3	35.9
20°-30°	754.0	37.7
30°-40°	215.8	10.8
40°-50°	21.1	1.1
50°-60°	1.7	0.1
60°-70°	0.6	0.0
70°-80°	0.0	0.0
80°-90°	0.0	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°	1760.8	88.0
0°-40°	1976.6	98.8
0°-60°	1999.4	100.0
0°-90°	2000.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2000.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3187	
5°	3091	289
15°	2589	717
25°	1724	754
35°	278	216
45°	23	21
55°	1	2
65°	1	1
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1287583

CATALOG NUMBER: P3AS17R509030D2WDE010 E3D1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	3187.3
1°	3182.4
2°	3168.3
3°	3147.8
4°	3120.3
5°	3090.7
6°	3058.9
7°	3025.0
8°	2993.3
9°	2956.6
10°	2915.7
11°	2868.4
12°	2814.1
13°	2746.3
14°	2672.9
15°	2589.0
16°	2500.0
17°	2414.0
18°	2325.8
19°	2248.1
20°	2179.0
21°	2112.7
22°	2037.2
23°	1950.4
24°	1848.8
25°	1723.9
26°	1588.4
27°	1437.4
28°	1287.1
29°	1124.8
30°	946.3
31°	779.0
32°	625.2
32.5°	558.2
33°	490.4
34°	376.1
35°	278.0
36°	203.9
37°	151.7
37.5°	131.2
38°	113.6
39°	88.2
40°	69.9
42.5°	39.5
45°	22.6

TEST NUMBER: P1287583

CATALOG NUMBER: P3AS17R509030D2WDE010 E3D1LI

CANDELA DISTRIBUTION (continued):

	0°
47.5°	12.7
50°	4.9
52.5°	2.1
55°	1.4
57.5°	1.4
60°	0.7
62.5°	0.7
65°	0.7
67.5°	0.7
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)