

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: P1255042

Luminaire Tested: P3AS17R309035DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255042
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R309035DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 90CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

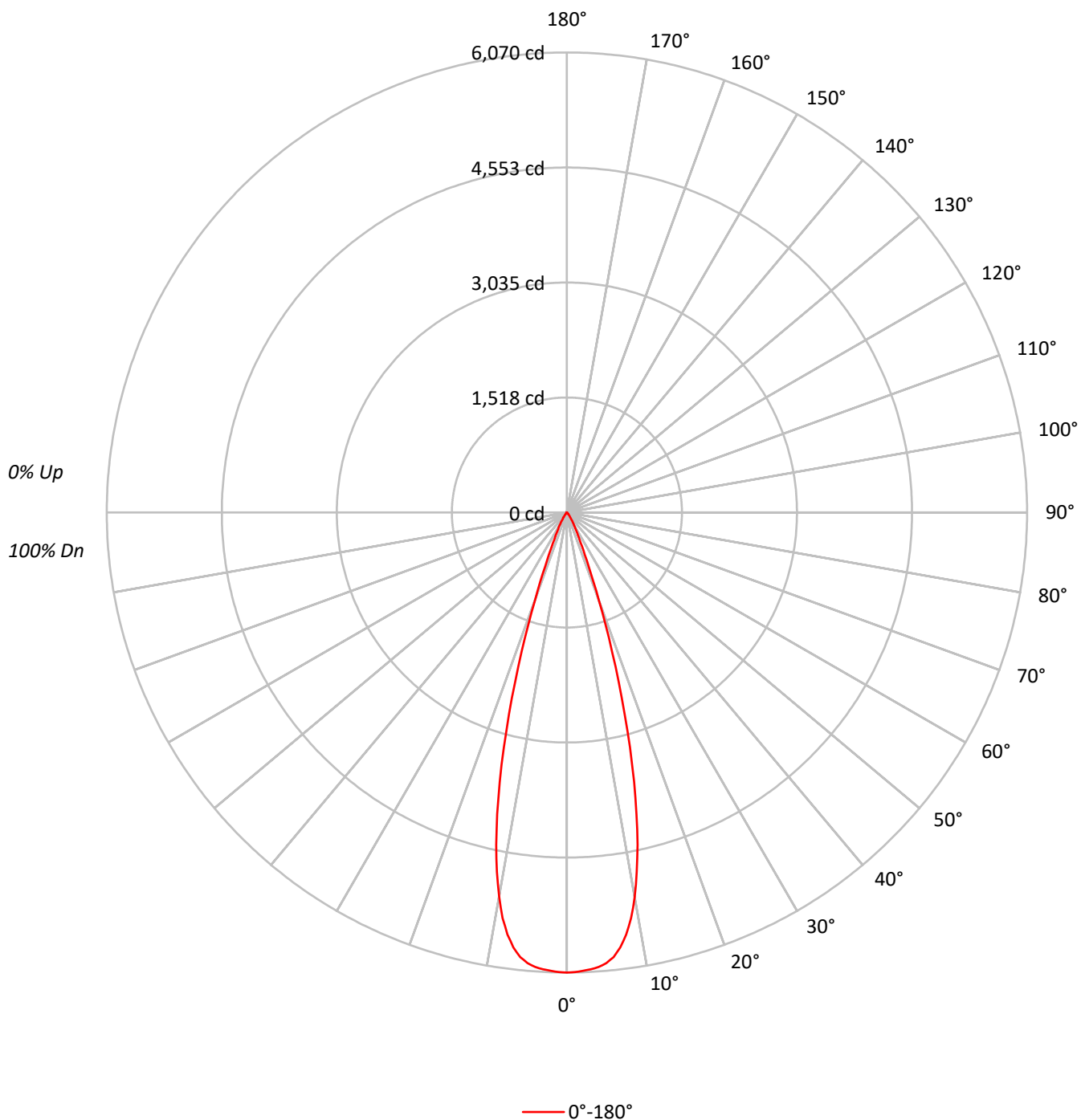
Lumens per Lamp: N/A
Luminaire Lumens: 1672.9 lumens
Efficiency: N/A
Efficacy: 78.9 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.47
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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: P1255042

CATALOG NUMBER: P3AS17R309035DE010 E3D1WMH

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	115	113	111	109	113	111	109	108	107	106	104		103	102	101		100
2	111	108	105	102	109	106	103	101	103	101	99		100	98	97		97
3	108	103	100	97	106	102	99	96	99	97	95		97	95	93		95
4	105	99	95	92	103	98	95	92	96	93	91		94	92	90		93
5	101	96	92	89	100	95	91	88	93	90	87		92	89	87		90
6	99	92	88	85	97	92	88	85	90	87	85		89	86	84		88
7	96	89	85	82	95	89	85	82	88	84	82		87	84	81		86
8	93	87	83	80	92	86	82	80	85	82	79		84	81	79		84
9	91	84	80	77	90	84	80	77	83	79	77		82	79	77		82
10	88	82	78	75	88	81	78	75	81	77	75		80	77	75		80

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1331099
5°	1313732
10°	1147006
15°	729039
20°	288845
25°	96489
30°	44893
35°	20345
40°	7815
45°	3814
50°	1092
55°	497
60°	263
65°	311
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3814 cd/sqm

TEST NUMBER: P1255042

CATALOG NUMBER: P3AS17R309035DE010 E3D1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	545.7	32.6
10°-20°	846.2	50.6
20°-30°	218.2	13.0
30°-40°	51.3	3.1
40°-50°	10.0	0.6
50°-60°	1.1	0.1
60°-70°	0.5	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°	1610.0	96.2
0°-40°	1661.3	99.3
0°-60°	1672.4	100.0
0°-90°	1672.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1672.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	6070	
5°	5968	546
15°	3211	846
25°	399	218
35°	76	51
45°	12	10
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1255042

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CANDELA DISTRIBUTION (FULL):

0°	
0°	6070.3
1°	6065.7
2°	6051.4
3°	6035.2
4°	6011.2
5°	5968.3
6°	5898.8
7°	5783.2
8°	5625.4
9°	5419.5
10°	5151.3
11°	4832.4
12°	4484.3
13°	4083.6
14°	3664.1
15°	3211.4
16°	2767.9
17°	2340.6
18°	1930.8
19°	1554.7
20°	1237.8
21°	974.2
22°	766.3
23°	606.6
24°	485.8
25°	398.8
26°	332.5
27°	282.5
28°	244.2
29°	209.1
30°	177.3
32.5°	111.7
35°	76.0
37.5°	47.4
40°	27.3
42.5°	18.2
45°	12.3
47.5°	7.1
50°	3.2
52.5°	1.3
55°	1.3
57.5°	0.6
60°	0.6
62.5°	0.6
65°	0.6



TEST NUMBER: P1255042

CATALOG NUMBER: P3AS17R309035DE010 E3D1WMH

CANDELA DISTRIBUTION (continued):

	0°
67.5°	0.6
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)