

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: P1287528

Luminaire Tested: P3AS17R409030D2WDE010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287528
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R409030D2WDE010 E3D1H
Description: 3in Adjustable Dim to Warm LED luminaire with, R40 optic, 3000K CCT AND, 90CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

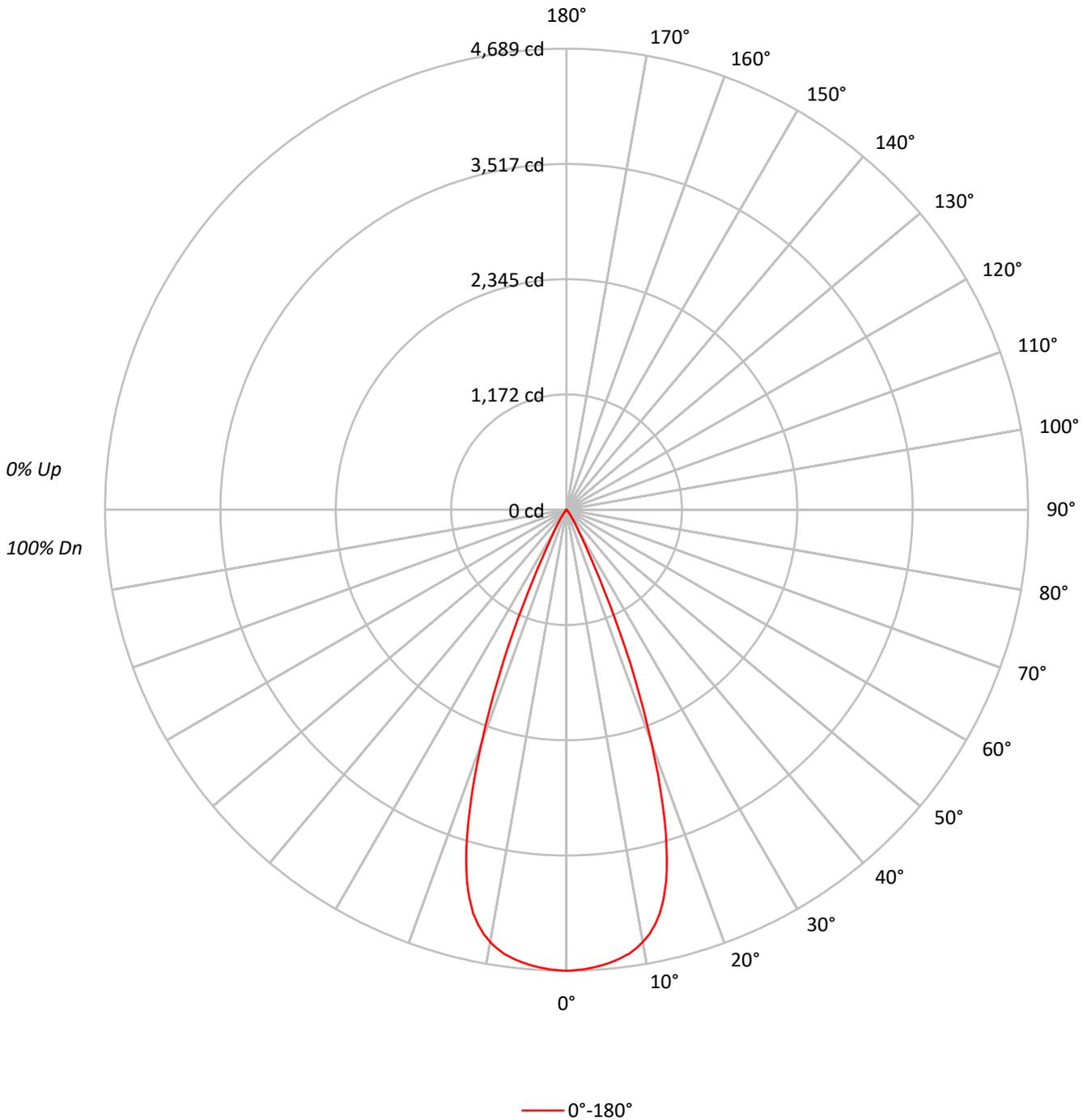
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2017.0 lumens
Efficiency: N/A
Efficacy: 73.9 lumens/watt
Spacing Criteria (0/90/45): 0.7 / 0.7 / 0.6
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: P1287528
CATALOG NUMBER: P3AS17R409030D2WDE010 E3D1H

Luminous Intensity Polar Plot





TEST NUMBER: P1287528
 CATALOG NUMBER: P3AS17R409030D2WDE010 E3D1H

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20			
RC	80				70				50				30				10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	115	112	110	109	112	110	109	107	106	105	104	103	102	101	99	98	98	96		
2	111	107	104	101	109	105	102	100	102	100	98	99	97	96	96	95	94	92		
3	107	102	98	95	105	100	97	94	98	95	93	96	93	91	93	91	90	88		
4	103	97	93	90	101	96	92	89	94	91	88	92	89	87	90	88	86	85		
5	99	93	89	85	98	92	88	85	91	87	84	89	86	84	88	85	83	82		
6	96	89	85	81	95	89	84	81	87	83	81	86	83	80	85	82	80	79		
7	93	86	81	78	92	85	81	78	84	80	77	83	80	77	82	79	77	76		
8	90	83	78	75	89	82	78	75	81	77	75	80	77	74	79	76	74	73		
9	87	80	75	72	86	79	75	72	78	75	72	78	74	72	77	74	71	70		
10	84	77	72	70	83	77	72	69	76	72	69	75	72	69	74	71	69	68		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1028119
5°	1020689
10°	993970
15°	887883
20°	588728
25°	220561
30°	58996
35°	23048
40°	8301
45°	3938
50°	1194
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: 3938 cd/sqm



TEST NUMBER: P1287528
 CATALOG NUMBER: P3AS17R409030D2WDE010 E3D1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	437.6	21.7
10°-20°	1036.3	51.4
20°-30°	470.0	23.3
30°-40°	60.9	3.0
40°-50°	10.6	0.5
50°-60°	1.2	0.1
60°-70°	0.4	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°	1943.9	96.4
0°-40°	2004.8	99.4
0°-60°	2016.6	100.0
0°-90°	2017.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2017.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4689	
5°	4637	438
15°	3911	1036
25°	912	470
35°	86	61
45°	13	11
55°	1	1
65°	1	0
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P1287528

CATALOG NUMBER: P3AS17R409030D2WDE010 E3D1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	4688.6
1°	4685.7
2°	4678.7
3°	4668.1
4°	4654.7
5°	4637.0
6°	4616.5
7°	4591.1
8°	4560.1
9°	4517.7
10°	4464.0
11°	4401.2
12°	4317.1
13°	4213.4
14°	4077.8
15°	3911.1
16°	3698.6
17°	3456.4
18°	3165.5
19°	2858.3
20°	2522.9
21°	2187.5
22°	1857.1
23°	1528.0
24°	1204.6
25°	911.6
26°	675.0
27°	494.3
28°	371.4
29°	288.8
30°	233.0
31°	192.8
32°	161.0
32.5°	146.9
33°	132.7
34°	108.0
35°	86.1
36°	67.8
37°	53.7
37.5°	48.0
38°	42.4
39°	35.3
40°	29.0
42.5°	19.1
45°	12.7



TEST NUMBER: P1287528
CATALOG NUMBER: P3AS17R409030D2WDE010 E3D1H

CANDELA DISTRIBUTION (continued):

	0°
47.5°	7.8
50°	3.5
52.5°	1.4
55°	1.4
57.5°	0.7
60°	0.7
62.5°	0.7
65°	0.7
67.5°	0.0
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)