

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: P1287699

Luminaire Tested: P3AS17R709030D2WDE010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287699
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R709030D2WDE010 E3D1LI
Description: 3in Adjustable Dim to Warm LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

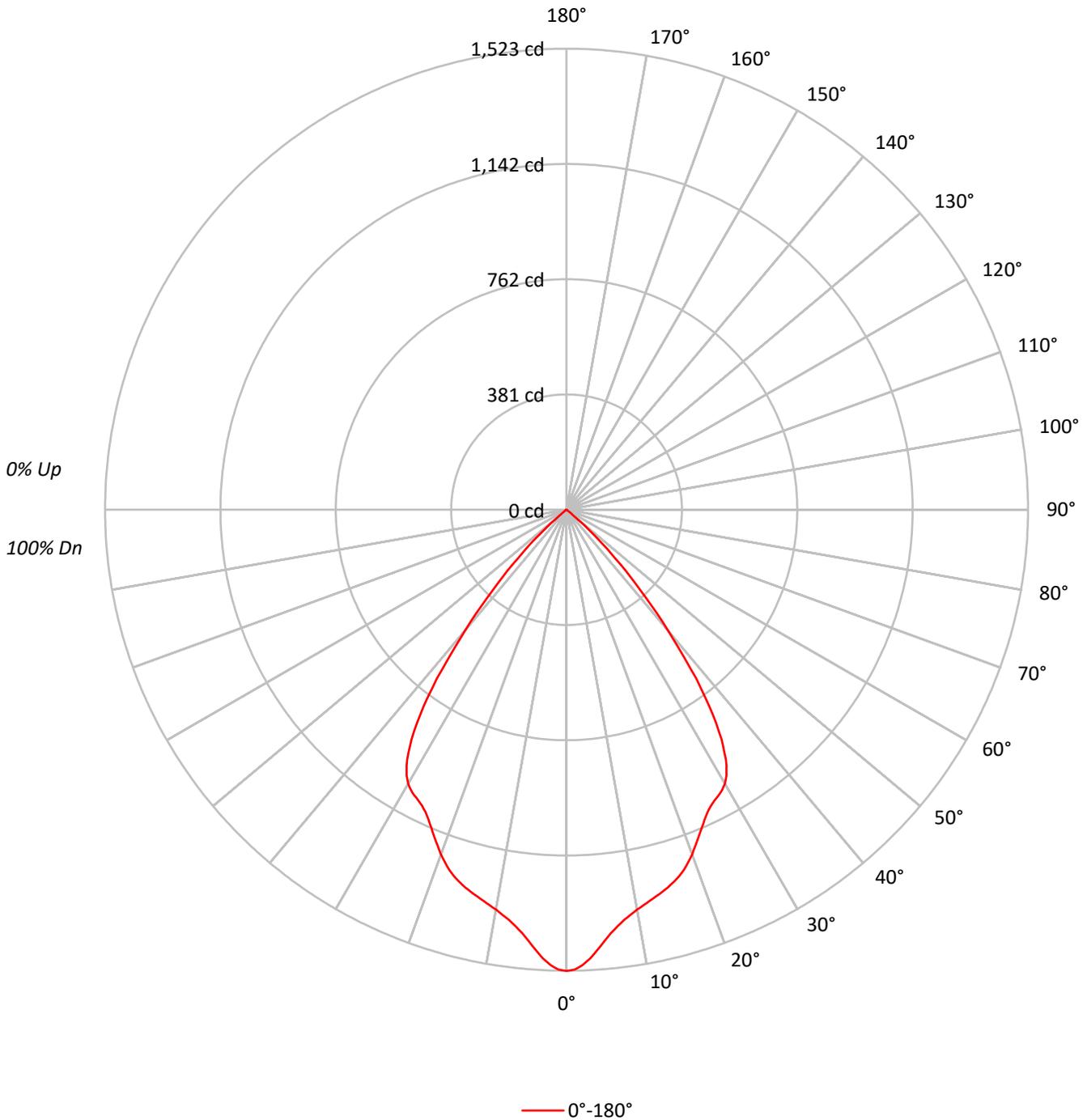
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1718.0 lumens
Efficiency: N/A
Efficacy: 62.9 lumens/watt
Spacing Criteria (0/90/45): 1.02 / 1.02 / 1.06
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: P1287699
CATALOG NUMBER: P3AS17R709030D2WDE010 E3D1LI

Luminous Intensity Polar Plot





TEST NUMBER: P1287699
 CATALOG NUMBER: P3AS17R709030D2WDE010 E3D1LI

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	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			100
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93			93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85			85
3	101	94	89	85	99	93	88	84	90	86	83	88	84	81	86	83	80	79			79
4	95	87	81	77	94	86	81	77	84	79	76	82	78	75	80	77	74	72			72
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66			66
6	85	75	69	64	83	75	69	64	73	68	64	72	67	63	70	66	63	61			61
7	80	70	64	59	79	70	63	59	68	63	59	67	62	58	66	61	58	57			57
8	76	66	59	55	75	65	59	55	64	58	54	63	58	54	62	57	54	52			52
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49			49
10	68	58	51	47	67	57	51	47	56	51	47	55	50	47	55	50	47	45			45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	334052
5°	314989
10°	298681
15°	293305
20°	282708
25°	266507
30°	264598
35°	230430
40°	149051
45°	70457
50°	9859
55°	803
60°	614
65°	726
70°	449
75°	593
80°	884
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 70457 cd/sqm



TEST NUMBER: P1287699
 CATALOG NUMBER: P3AS17R709030D2WDE010 E3D1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	133.6	7.8
10°-20°	362.8	21.1
20°-30°	513.3	29.9
30°-40°	515.8	30.0
40°-50°	185.5	10.8
50°-60°	5.0	0.3
60°-70°	1.1	0.1
70°-80°	0.7	0.0
80°-90°	0.1	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°	1009.7	58.8
0°-40°	1525.5	88.8
0°-60°	1716.0	99.9
0°-90°	1718.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1718.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1523	
5°	1431	134
15°	1292	363
25°	1102	513
35°	861	516
45°	227	186
55°	2	5
65°	1	1
75°	1	1
85°	0	0
90°	0	



TEST NUMBER: P1287699
CATALOG NUMBER: P3AS17R709030D2WDE010 E3D1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	1523.4
1°	1519.2
2°	1505.8
3°	1484.6
4°	1457.8
5°	1431.0
6°	1405.6
7°	1385.8
8°	1368.2
9°	1354.1
10°	1341.4
11°	1330.8
12°	1320.9
13°	1311.0
14°	1301.8
15°	1292.0
16°	1280.0
17°	1267.3
18°	1251.7
19°	1232.7
20°	1211.5
21°	1188.2
22°	1165.0
23°	1142.4
24°	1120.5
25°	1101.5
26°	1088.0
27°	1077.5
28°	1069.0
29°	1059.1
30°	1045.0
31°	1024.5
32°	995.6
32.5°	979.4
33°	957.5
34°	914.5
35°	860.8
36°	801.6
37°	734.5
37.5°	703.5
38°	661.2
39°	585.7
40°	520.7
42.5°	360.6
45°	227.2



TEST NUMBER: P1287699
CATALOG NUMBER: P3AS17R709030D2WDE010 E3D1LI

CANDELA DISTRIBUTION (continued):

	0°
47.5°	122.1
50°	28.9
52.5°	3.5
55°	2.1
57.5°	2.1
60°	1.4
62.5°	1.4
65°	1.4
67.5°	0.7
70°	0.7
72.5°	0.7
75°	0.7
77.5°	0.7
80°	0.7
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)