

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: P1252561

Luminaire Tested: P3AS17R709030DE010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252561
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: P3AS17R709030DE010 E3D1H
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

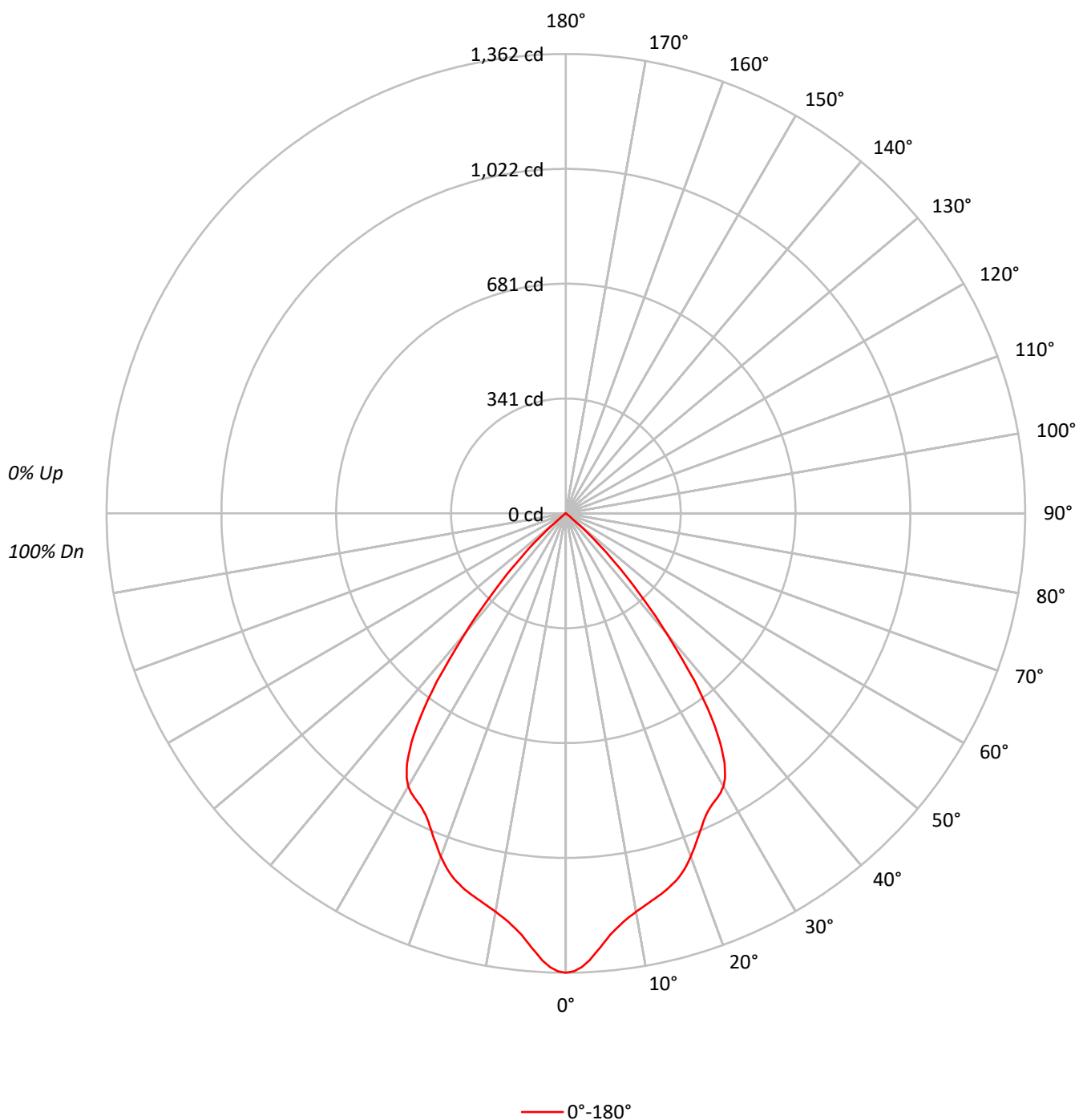
Lumens per Lamp: N/A
Luminaire Lumens: 1536.0 lumens
Efficiency: N/A
Efficacy: 72.5 lumens/watt
Spacing Criteria (0/90/45): 1.02 / 1.02 / 1.06
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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: P1252561

CATALOG NUMBER: P3AS17R709030DE010 E3D1H

Luminous Intensity Polar Plot



TEST NUMBER: P1252561

CATALOG NUMBER: P3AS17R709030DE010 E3D1H

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	298660
5°	281619
10°	267040
15°	262226
20°	252769
25°	238272
30°	236568
35°	206016
40°	133278
45°	62983
50°	8836
55°	726
60°	570
65°	675
70°	385
75°	508
80°	758
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 62983 cd/sqm

TEST NUMBER: P1252561

CATALOG NUMBER: P3AS17R709030DE010 E3D1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	119.5	7.8
10°-20°	324.4	21.1
20°-30°	458.9	29.9
30°-40°	461.2	30.0
40°-50°	165.8	10.8
50°-60°	4.5	0.3
60°-70°	1.0	0.1
70°-80°	0.6	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°	902.8	58.8
0°-40°	1363.9	88.8
0°-60°	1534.3	99.9
0°-90°	1536.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1536.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1362	
5°	1279	119
15°	1155	324
25°	985	459
35°	770	461
45°	203	166
55°	2	4
65°	1	1
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1252561

CATALOG NUMBER: P3AS17R709030DE010 E3D1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	1362.0
1°	1358.2
2°	1346.2
3°	1327.3
4°	1303.4
5°	1279.4
6°	1256.7
7°	1239.0
8°	1223.2
9°	1210.6
10°	1199.3
11°	1189.8
12°	1181.0
13°	1172.1
14°	1163.9
15°	1155.1
16°	1144.4
17°	1133.0
18°	1119.1
19°	1102.1
20°	1083.2
21°	1062.4
22°	1041.5
23°	1021.4
24°	1001.8
25°	984.8
26°	972.8
27°	963.3
28°	955.7
29°	946.9
30°	934.3
31°	916.0
32°	890.1
32.5°	875.6
33°	856.1
34°	817.6
35°	769.6
36°	716.7
37°	656.7
37.5°	629.0
38°	591.1
39°	523.6
40°	465.6
42.5°	322.4
45°	203.1



TEST NUMBER: P1252561

CATALOG NUMBER: P3AS17R709030DE010 E3D1H

CANDELA DISTRIBUTION (continued):

	0°
47.5°	109.1
50°	25.9
52.5°	3.2
55°	1.9
57.5°	1.9
60°	1.3
62.5°	1.3
65°	1.3
67.5°	0.6
70°	0.6
72.5°	0.6
75°	0.6
77.5°	0.6
80°	0.6
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)