

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: P1255269

Luminaire Tested: P3AS17R709035DE010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255269
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: P3AS17R709035DE010 E3D1LI
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 90CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

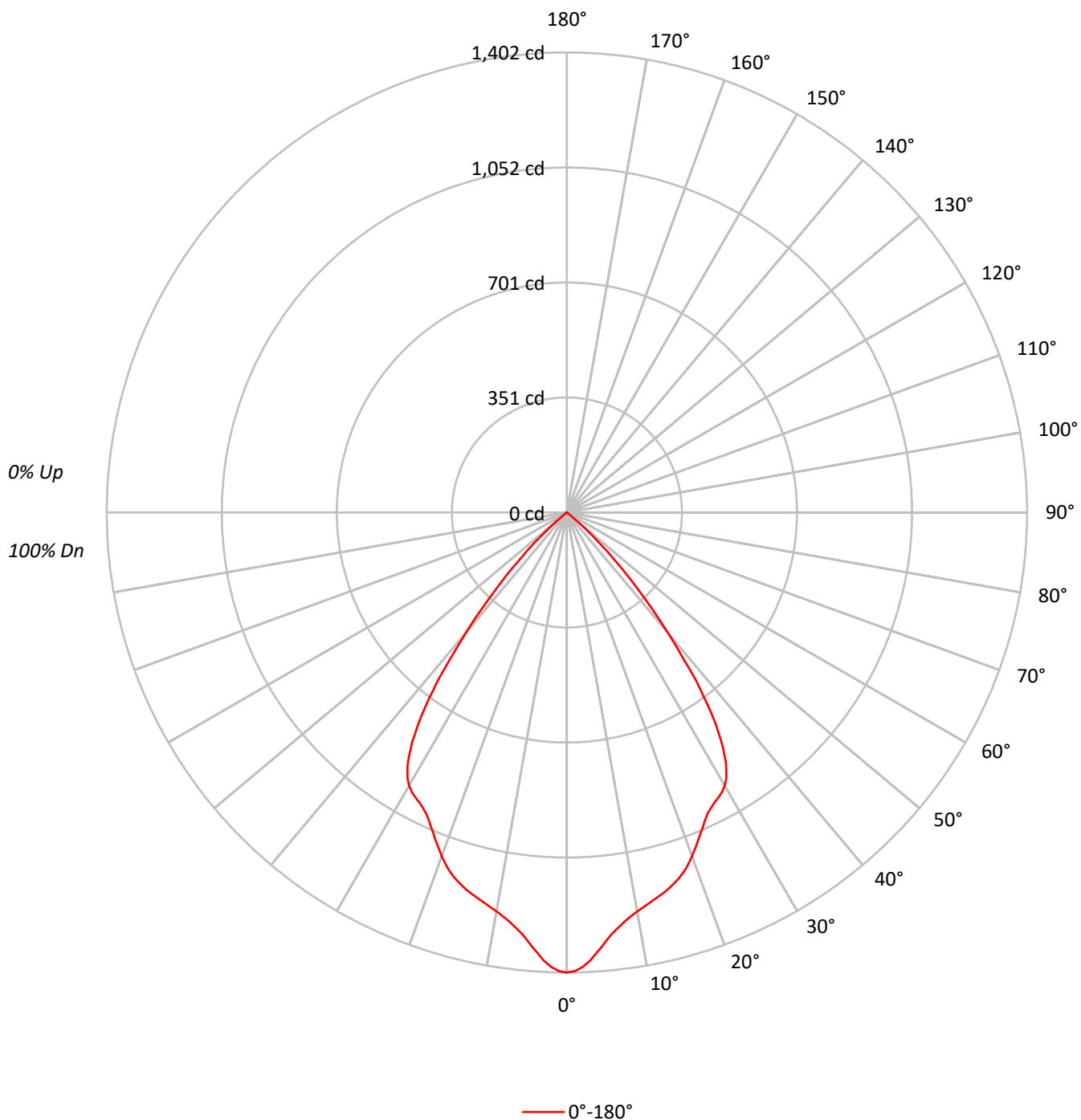
Lumens per Lamp: N/A
Luminaire Lumens: 1580.9 lumens
Efficiency: N/A
Efficacy: 74.6 lumens/watt
Spacing Criteria (0/90/45): 1.02 / 1.02 / 1.06
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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	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°	307410
5°	289874
10°	274856
15°	269899
20°	260166
25°	245240
30°	243506
35°	212066
40°	137171
45°	64844
50°	9074
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: 64844 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	123.0	7.8
10°-20°	333.9	21.1
20°-30°	472.3	29.9
30°-40°	474.7	30.0
40°-50°	170.7	10.8
50°-60°	4.6	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°	929.2	58.8
0°-40°	1403.9	88.8
0°-60°	1579.1	99.9
0°-90°	1580.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1580.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1402	
5°	1317	123
15°	1189	334
25°	1014	472
35°	792	475
45°	209	171
55°	2	5
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1401.9
1°	1398.0
2°	1385.7
3°	1366.2
4°	1341.5
5°	1316.9
6°	1293.5
7°	1275.3
8°	1259.1
9°	1246.1
10°	1234.4
11°	1224.7
12°	1215.6
13°	1206.5
14°	1198.0
15°	1188.9
16°	1177.9
17°	1166.2
18°	1151.9
19°	1134.4
20°	1114.9
21°	1093.5
22°	1072.1
23°	1051.3
24°	1031.2
25°	1013.6
26°	1001.3
27°	991.5
28°	983.7
29°	974.7
30°	961.7
31°	942.8
32°	916.2
32.5°	901.3
33°	881.2
34°	841.5
35°	792.2
36°	737.6
37°	676.0
37.5°	647.4
38°	608.4
39°	539.0
40°	479.2
42.5°	331.8
45°	209.1



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	112.3
50°	26.6
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)