

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: P1268009

Luminaire Tested: P3A17R709735DE010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268009
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: P3A17R709735DE010 E3D1H
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 97CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

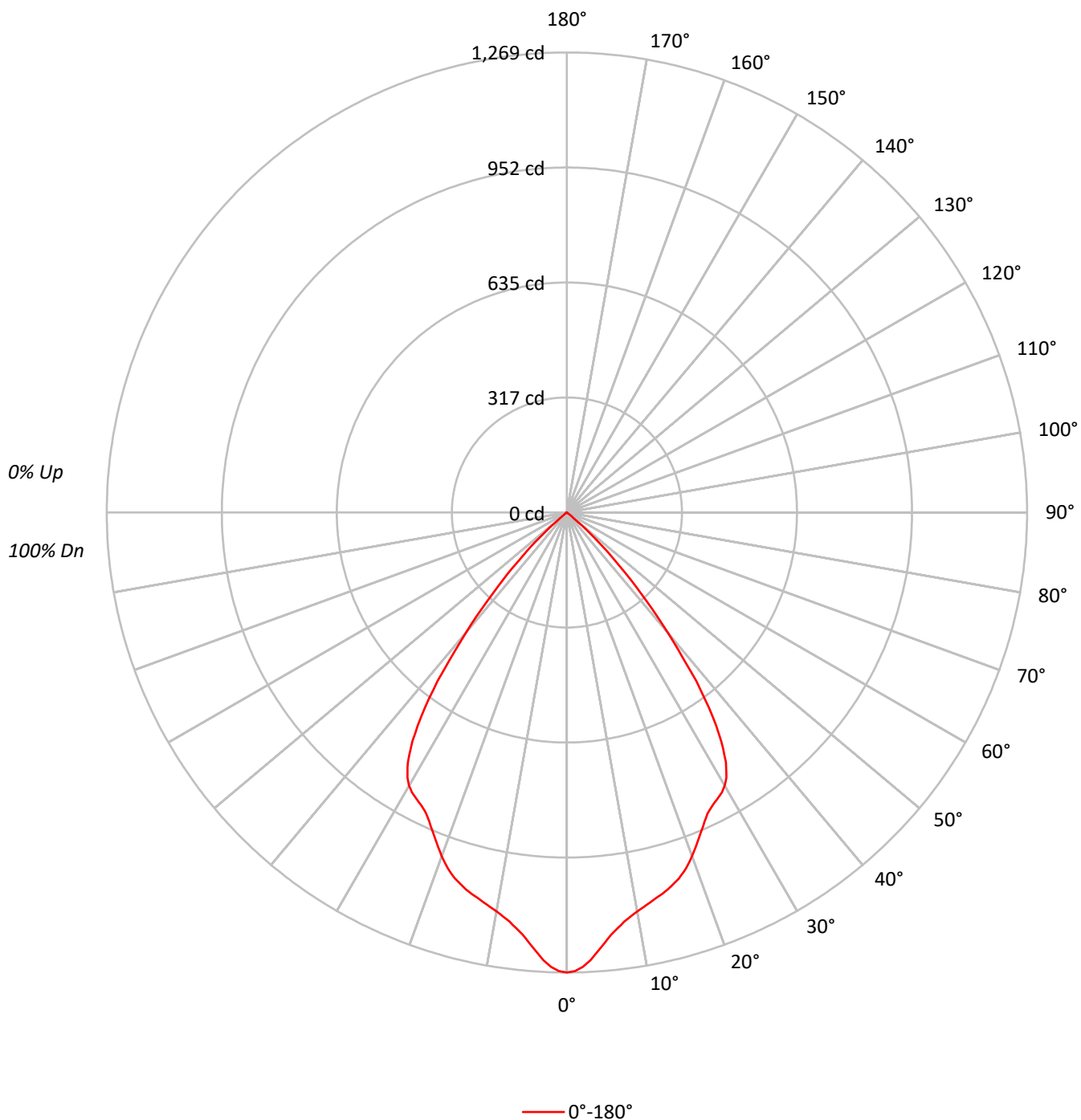
Lumens per Lamp: N/A
Luminaire Lumens: 1431.0 lumens
Efficiency: N/A
Efficacy: 67.5 lumens/watt
Spacing Criteria (0/90/45): 1.02 / 1.02 / 1.06
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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°	278245
5°	262359
10°	248782
15°	244292
20°	235477
25°	221964
30°	220388
35°	191935
40°	124147
45°	58673
50°	8221
55°	688
60°	526
65°	623
70°	385
75°	508
80°	758
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 58673 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	111.3	7.8
10°-20°	302.2	21.1
20°-30°	427.5	29.9
30°-40°	429.6	30.0
40°-50°	154.5	10.8
50°-60°	4.2	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°	841.0	58.8
0°-40°	1270.7	88.8
0°-60°	1429.3	99.9
0°-90°	1431.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1431.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1269	
5°	1192	111
15°	1076	302
25°	917	428
35°	717	430
45°	189	154
55°	2	4
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1268.9
1°	1265.4
2°	1254.2
3°	1236.6
4°	1214.3
5°	1191.9
6°	1170.8
7°	1154.3
8°	1139.6
9°	1127.9
10°	1117.3
11°	1108.5
12°	1100.2
13°	1092.0
14°	1084.4
15°	1076.1
16°	1066.1
17°	1055.6
18°	1042.6
19°	1026.8
20°	1009.1
21°	989.7
22°	970.3
23°	951.5
24°	933.3
25°	917.4
26°	906.3
27°	897.5
28°	890.4
29°	882.2
30°	870.4
31°	853.4
32°	829.3
32.5°	815.8
33°	797.6
34°	761.7
35°	717.0
36°	667.7
37°	611.8
37.5°	586.0
38°	550.7
39°	487.8
40°	433.7
42.5°	300.3
45°	189.2

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CANDELA DISTRIBUTION (continued):

	0°
47.5°	101.7
50°	24.1
52.5°	2.9
55°	1.8
57.5°	1.8
60°	1.2
62.5°	1.2
65°	1.2
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)