

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: P1276662

Luminaire Tested: P3AS17R709835DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276662
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: P3AS17R709835DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 98CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

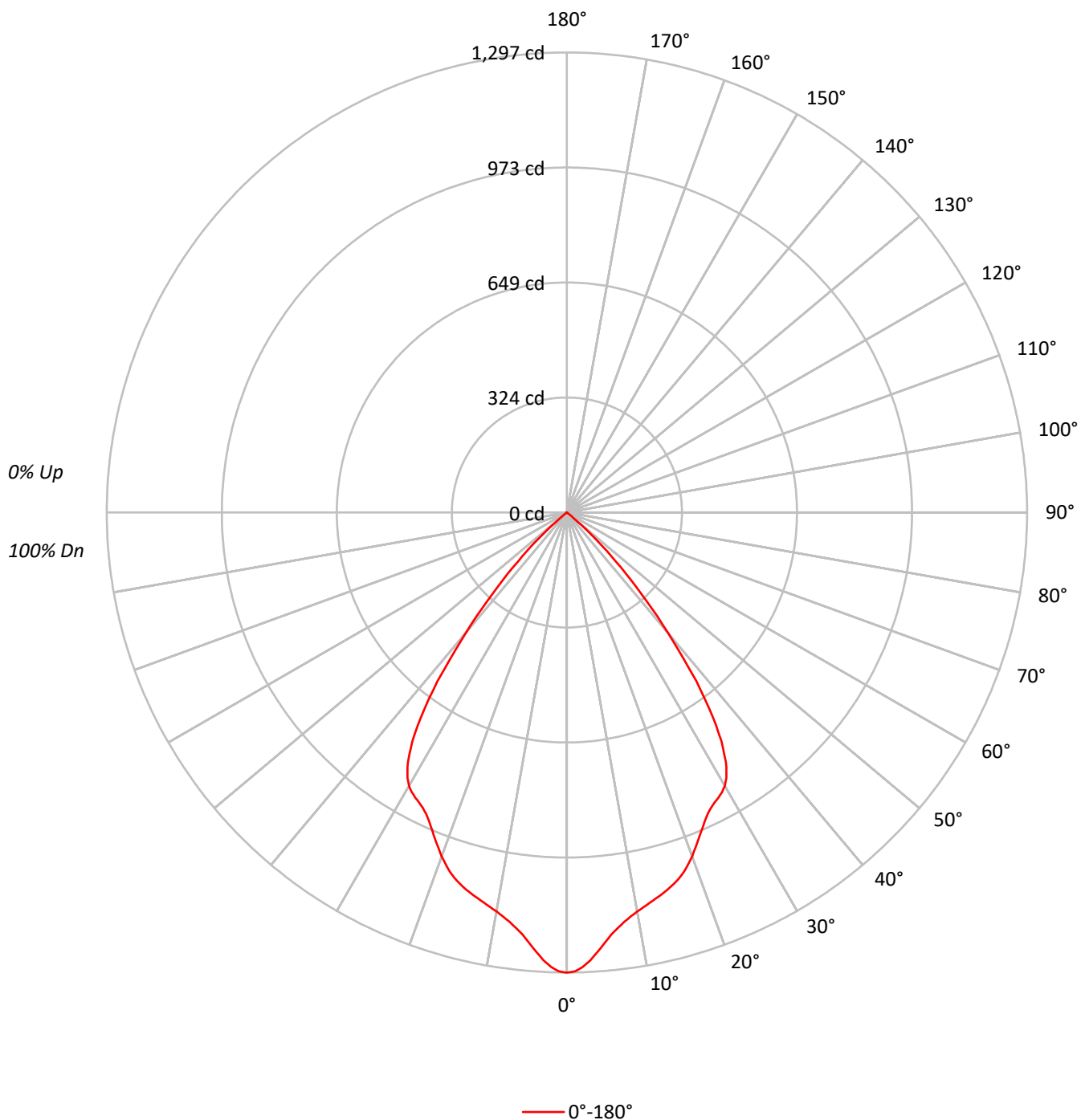
Lumens per Lamp: N/A
Luminaire Lumens: 1463.0 lumens
Efficiency: N/A
Efficacy: 71.7 lumens/watt
Spacing Criteria (0/90/45): 1.02 / 1.02 / 1.06
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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°	284473
5°	268236
10°	254348
15°	249763
20°	240751
25°	226949
30°	225326
35°	196245
40°	126924
45°	60006
50°	8392
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: 60006 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	113.8	7.8
10°-20°	309.0	21.1
20°-30°	437.1	29.9
30°-40°	439.3	30.0
40°-50°	158.0	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°	859.8	58.8
0°-40°	1299.1	88.8
0°-60°	1461.3	99.9
0°-90°	1463.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1463.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1297	
5°	1219	114
15°	1100	309
25°	938	437
35°	733	439
45°	194	158
55°	2	4
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1297.3
1°	1293.7
2°	1282.3
3°	1264.2
4°	1241.4
5°	1218.6
6°	1196.9
7°	1180.1
8°	1165.1
9°	1153.1
10°	1142.3
11°	1133.3
12°	1124.8
13°	1116.4
14°	1108.6
15°	1100.2
16°	1090.0
17°	1079.2
18°	1066.0
19°	1049.7
20°	1031.7
21°	1011.9
22°	992.0
23°	972.8
24°	954.2
25°	938.0
26°	926.5
27°	917.5
28°	910.3
29°	901.9
30°	889.9
31°	872.5
32°	847.8
32.5°	834.0
33°	815.4
34°	778.7
35°	733.1
36°	682.6
37°	625.5
37.5°	599.1
38°	563.0
39°	498.7
40°	443.4
42.5°	307.0
45°	193.5

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CANDELA DISTRIBUTION (continued):

	0°
47.5°	104.0
50°	24.6
52.5°	3.0
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)