

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: P1255240

Luminaire Tested: P3AS17R659035DE010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255240
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-16)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R659035DE010 E3D1LI
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 90CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

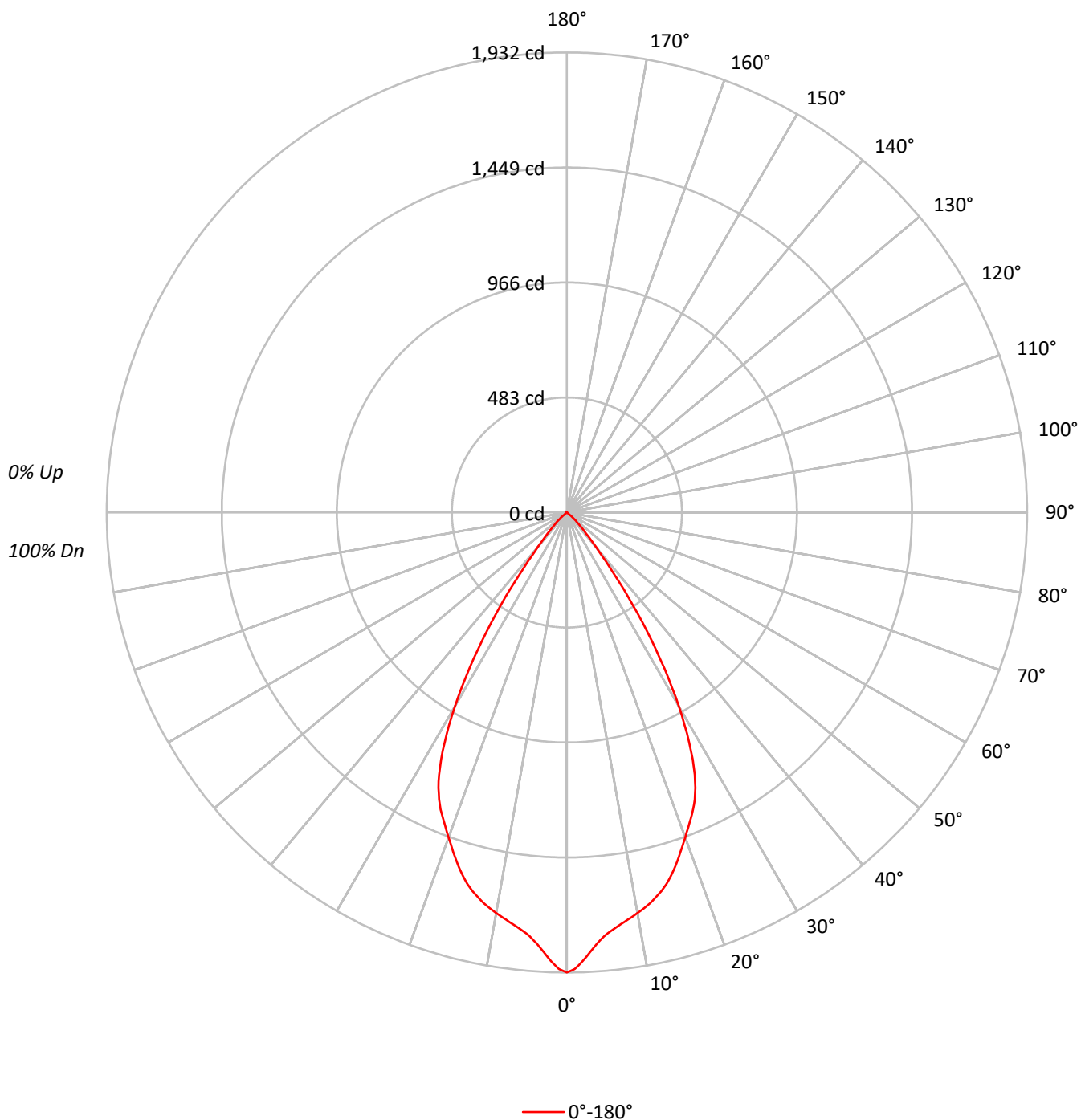
Lumens per Lamp: N/A
Luminaire Lumens: 1580.9 lumens
Efficiency: N/A
Efficacy: 74.6 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	111	109	106	111	109	107	105	105	103	102		101	100	99		98
2	108	104	100	96	106	102	98	95	99	96	93		96	93	91		93
3	103	97	92	88	101	95	91	88	93	89	86		90	87	85		88
4	98	91	85	81	96	90	85	81	87	83	80		85	82	79		84
5	93	85	79	75	92	84	79	75	82	78	74		81	77	74		79
6	89	80	74	70	87	79	74	70	78	73	69		76	72	69		75
7	84	75	70	65	83	75	69	65	73	69	65		72	68	65		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		68
9	77	67	61	58	76	67	61	57	66	61	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	423628
5°	393351
10°	380398
15°	366586
20°	338923
25°	308800
30°	238594
35°	138290
40°	54874
45°	23382
50°	5526
55°	726
60°	570
65°	311
70°	385
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 23382 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	168.5	10.7
10°-20°	450.0	28.5
20°-30°	569.5	36.0
30°-40°	324.3	20.5
40°-50°	64.4	4.1
50°-60°	3.3	0.2
60°-70°	0.8	0.1
70°-80°	0.1	0.0
80°-90°	0.0	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°	1188.0	75.1
0°-40°	1512.3	95.7
0°-60°	1580.0	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°	1932	
5°	1787	169
15°	1615	450
25°	1276	569
35°	517	324
45°	75	64
55°	2	3
65°	1	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1931.9
1°	1917.7
2°	1886.5
3°	1850.1
4°	1814.3
5°	1787.0
6°	1766.9
7°	1750.6
8°	1736.3
9°	1722.1
10°	1708.4
11°	1693.5
12°	1677.9
13°	1659.0
14°	1638.9
15°	1614.8
16°	1586.2
17°	1555.0
18°	1521.3
19°	1485.5
20°	1452.4
21°	1418.6
22°	1388.0
23°	1356.2
24°	1319.2
25°	1276.3
26°	1224.9
27°	1163.2
28°	1093.7
29°	1019.6
30°	942.3
31°	857.1
32°	772.6
32.5°	729.1
33°	686.9
34°	601.1
35°	516.6
36°	438.6
37°	361.3
37.5°	321.7
38°	289.8
39°	234.6
40°	191.7
42.5°	118.3
45°	75.4



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	44.2
50°	16.2
52.5°	3.2
55°	1.9
57.5°	1.3
60°	1.3
62.5°	1.3
65°	0.6
67.5°	0.6
70°	0.6
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)