

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: P1274559

Luminaire Tested: P3AS17R659830DE010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274559
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: P3AS17R659830DE010 E3D1H
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 98CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

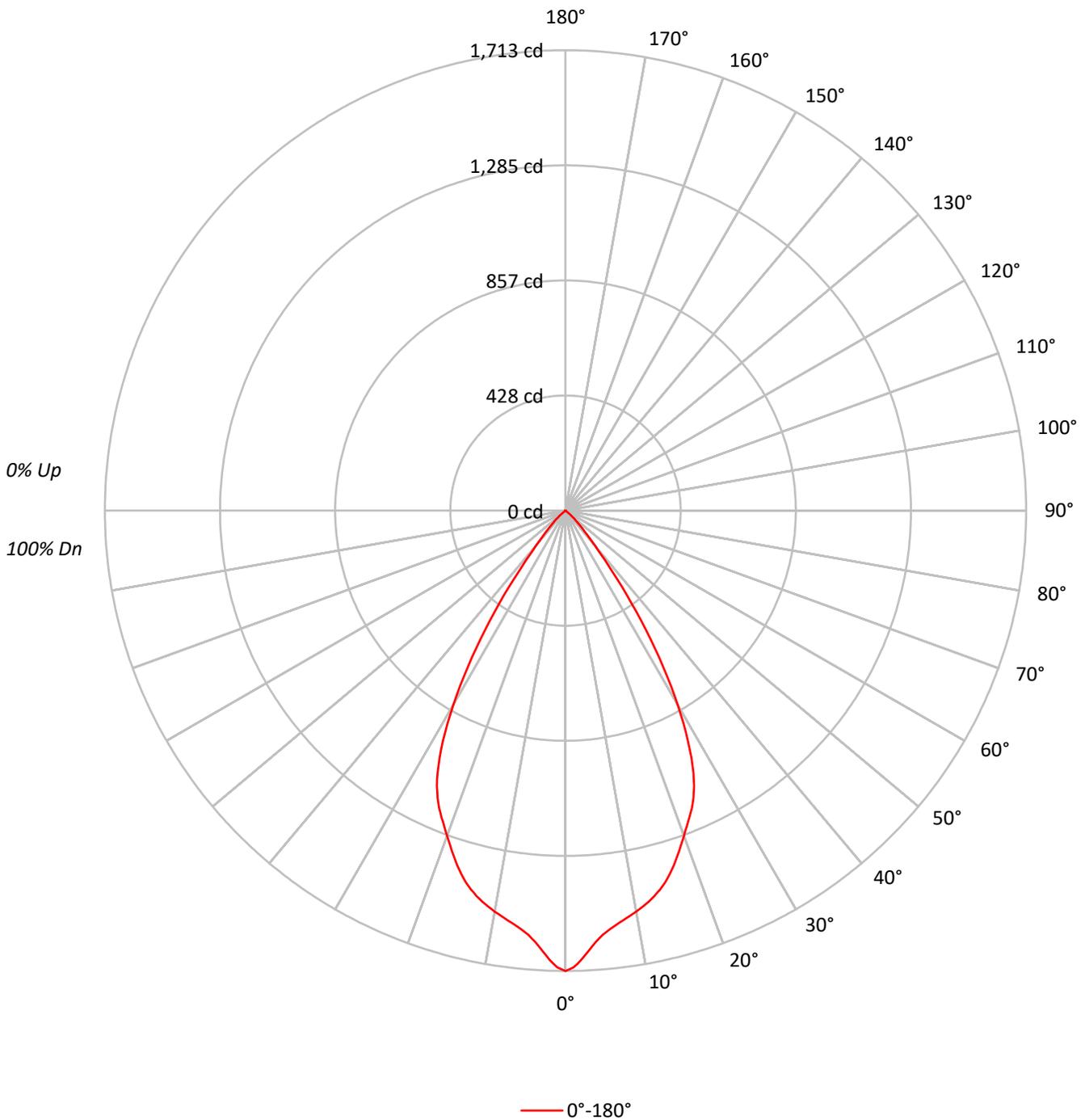
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1402.0 lumens
Efficiency: N/A
Efficacy: 68.7 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): 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				20	
RC	80				70				50				30				10				0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				100
1	114	111	109	106	111	109	107	105	105	103	102	101	100	99	98	97	96	94				94
2	108	104	100	96	106	102	98	95	99	96	93	96	93	91	93	91	89	88				88
3	103	97	92	88	101	95	91	88	93	89	86	90	87	85	88	86	83	82				82
4	98	91	85	81	96	90	85	81	87	83	80	85	82	79	84	81	78	77				77
5	93	85	79	75	92	84	79	75	82	78	74	81	77	74	79	76	73	72				72
6	89	80	74	70	87	79	74	70	78	73	69	76	72	69	75	71	68	67				67
7	84	75	70	65	83	75	69	65	73	69	65	72	68	65	71	67	64	63				63
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	67	63	60	59				59
9	77	67	61	58	76	67	61	57	66	61	57	65	60	57	64	60	57	56				56
10	73	64	58	54	72	63	58	54	62	57	54	62	57	54	61	57	54	52				52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	375672
5°	348821
10°	337335
15°	325087
20°	300536
25°	273838
30°	211577
35°	122630
40°	48663
45°	20715
50°	4912
55°	650
60°	526
65°	311
70°	385
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 20715 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	149.5	10.7
10°-20°	399.0	28.5
20°-30°	505.0	36.0
30°-40°	287.6	20.5
40°-50°	57.1	4.1
50°-60°	3.0	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°	1053.5	75.1
0°-40°	1341.0	95.6
0°-60°	1401.1	99.9
0°-90°	1402.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1402.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1713	
5°	1585	149
15°	1432	399
25°	1132	505
35°	458	288
45°	67	57
55°	2	3
65°	1	1
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1713.2
1°	1700.5
2°	1672.9
3°	1640.6
4°	1608.9
5°	1584.7
6°	1566.8
7°	1552.4
8°	1539.8
9°	1527.1
10°	1515.0
11°	1501.7
12°	1487.9
13°	1471.2
14°	1453.3
15°	1432.0
16°	1406.6
17°	1379.0
18°	1349.0
19°	1317.3
20°	1287.9
21°	1258.0
22°	1230.9
23°	1202.7
24°	1169.8
25°	1131.8
26°	1086.2
27°	1031.5
28°	969.8
29°	904.1
30°	835.6
31°	760.1
32°	685.2
32.5°	646.6
33°	609.1
34°	533.0
35°	458.1
36°	389.0
37°	320.4
37.5°	285.2
38°	257.0
39°	208.0
40°	170.0
42.5°	104.9
45°	66.8



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	39.2
50°	14.4
52.5°	2.9
55°	1.7
57.5°	1.2
60°	1.2
62.5°	1.2
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)