

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: P1287673

Luminaire Tested: P3AS17R659030D2WDE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287673
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: P3AS17R659030D2WDE010 E3D1WMH
Description: 3in Adjustable Dim to Warm LED luminaire with, R65 optic, 3000K CCT AND, 90CRI , E3D1WM TRIM
Light Source: -
Ballast/Driver: -

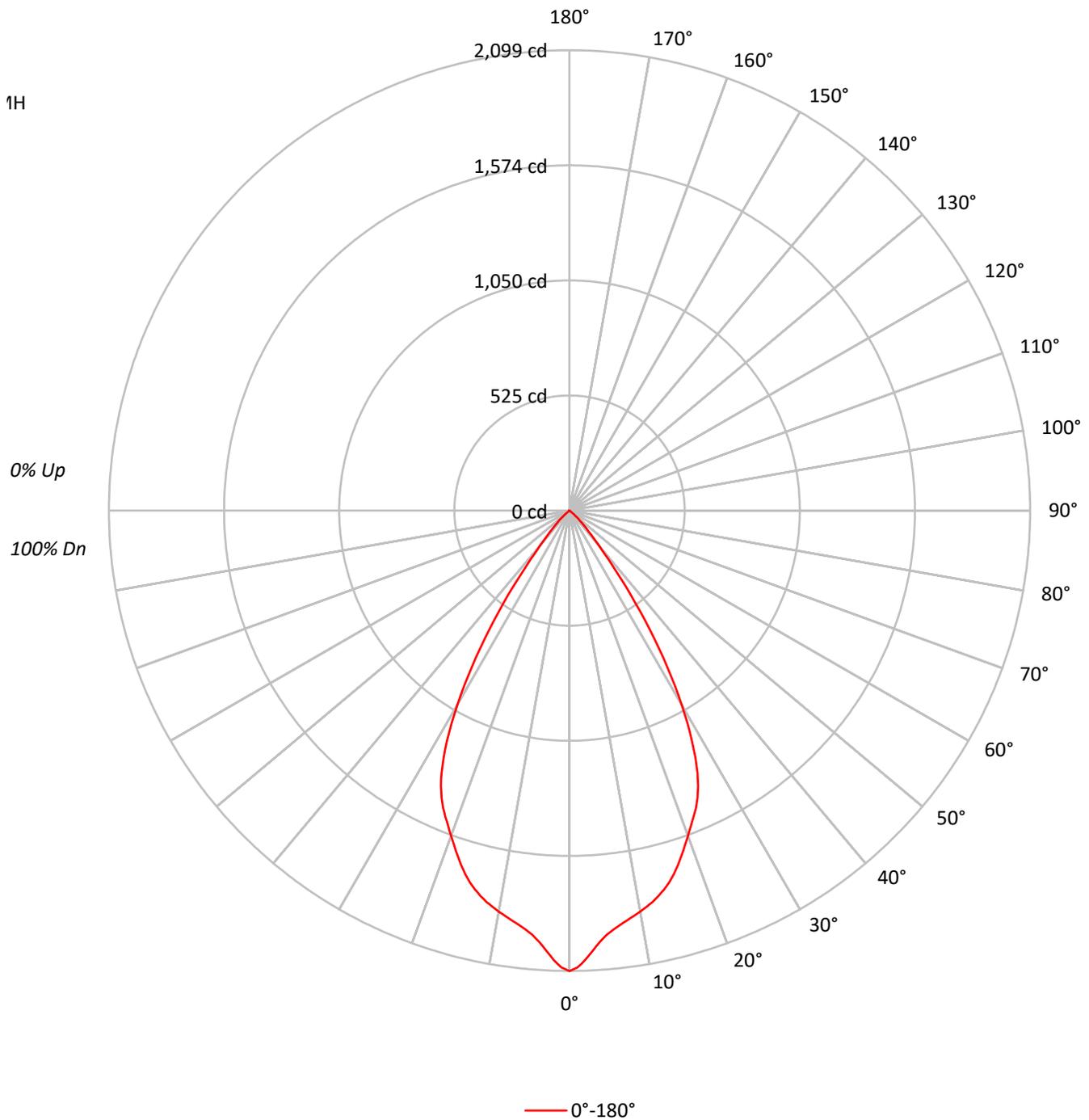
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1718.0 lumens
Efficiency: N/A
Efficacy: 62.9 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): 27.3
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	100	100
1	114	111	109	106	111	109	107	105	105	103	102	101	100	99	98	97	96	94	94	94	94
2	108	104	100	96	106	102	98	95	99	96	93	96	93	91	93	91	89	88	88	88	88
3	103	97	92	88	101	95	91	88	93	89	86	90	87	85	88	86	83	82	82	82	82
4	98	91	85	81	96	90	85	81	87	83	80	85	82	79	84	81	78	77	77	77	77
5	93	85	79	75	92	84	79	75	82	78	74	81	77	74	79	76	73	72	72	72	72
6	89	80	74	70	87	79	74	70	78	73	69	76	72	69	75	71	68	67	67	67	67
7	84	75	70	65	83	75	69	65	73	69	65	72	68	65	71	67	64	63	63	63	63
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	67	63	60	59	59	59	59
9	77	67	61	58	76	67	61	57	66	61	57	65	60	57	64	60	57	56	56	56	56
10	73	64	58	54	72	63	58	54	62	57	54	62	57	54	61	57	54	52	52	52	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	460358
5°	427448
10°	413352
15°	398368
20°	368279
25°	335560
30°	259255
35°	150282
40°	59626
45°	25398
50°	6038
55°	803
60°	614
65°	363
70°	449
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 25398 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	183.1	10.7
10°-20°	488.9	28.5
20°-30°	618.8	36.0
30°-40°	352.4	20.5
40°-50°	70.0	4.1
50°-60°	3.6	0.2
60°-70°	0.9	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°	1290.9	75.1
0°-40°	1643.3	95.7
0°-60°	1716.9	99.9
0°-90°	1718.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1718.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2099	
5°	1942	183
15°	1755	489
25°	1387	619
35°	561	352
45°	82	70
55°	2	4
65°	1	1
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	2099.4
1°	2083.8
2°	2049.9
3°	2010.4
4°	1971.5
5°	1941.9
6°	1920.0
7°	1902.3
8°	1886.8
9°	1871.3
10°	1856.4
11°	1840.2
12°	1823.3
13°	1802.8
14°	1780.9
15°	1754.8
16°	1723.7
17°	1689.8
18°	1653.1
19°	1614.2
20°	1578.2
21°	1541.5
22°	1508.3
23°	1473.7
24°	1433.5
25°	1386.9
26°	1331.1
27°	1264.0
28°	1188.4
29°	1107.9
30°	1023.9
31°	931.4
32°	839.6
32.5°	792.3
33°	746.4
34°	653.2
35°	561.4
36°	476.6
37°	392.6
37.5°	349.5
38°	314.9
39°	254.9
40°	208.3
42.5°	128.5
45°	81.9



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	48.0
50°	17.7
52.5°	3.5
55°	2.1
57.5°	1.4
60°	1.4
62.5°	1.4
65°	0.7
67.5°	0.7
70°	0.7
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)