

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: P1287267

Luminaire Tested: P3AS13R559030D2WDE010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287267
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R559030D2WDE010 E3D1LI
Description: 3in Adjustable Dim to Warm LED luminaire with, R55 optic, 3000K CCT AND, 90CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

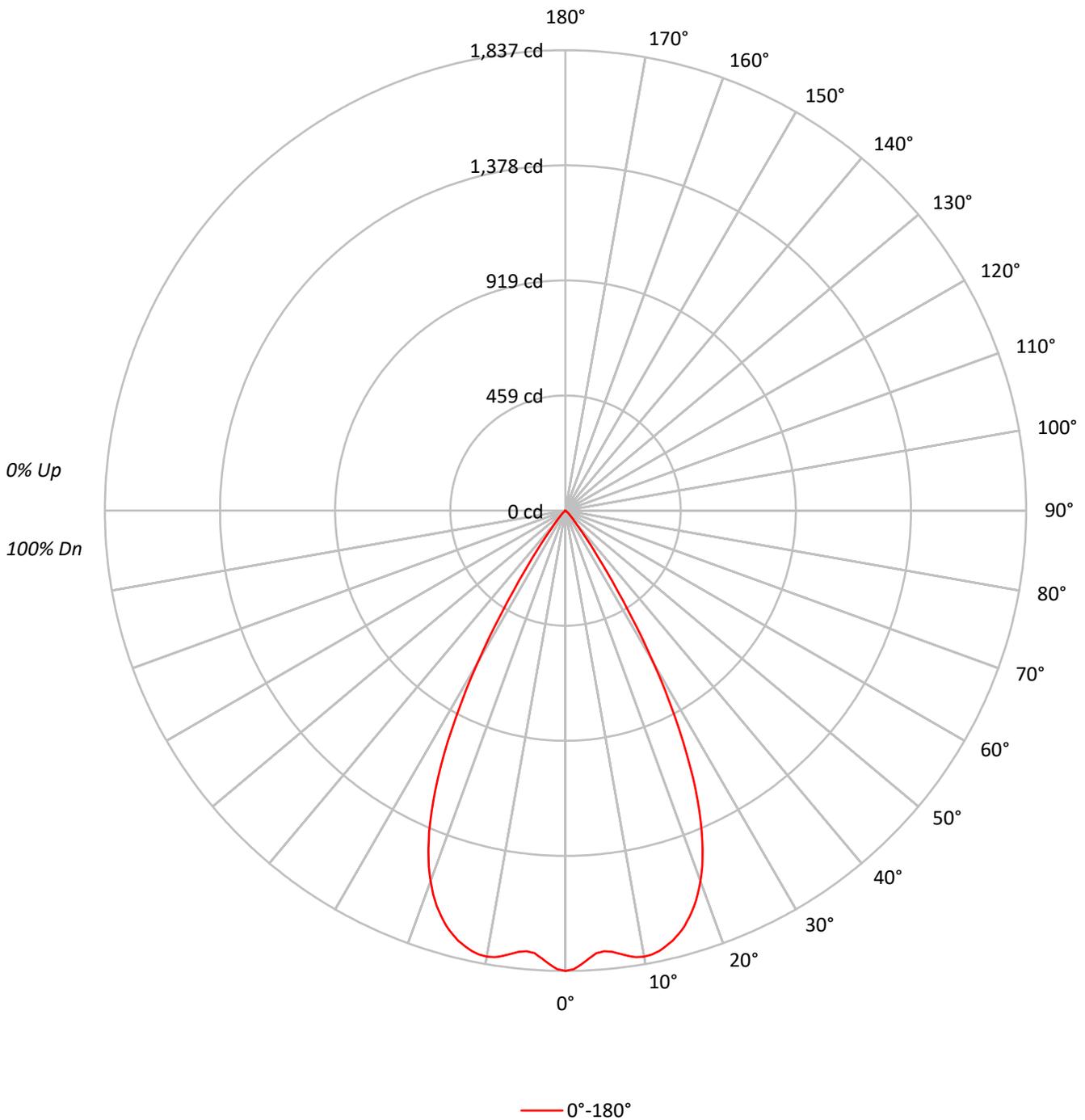
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1388.9 lumens
Efficiency: N/A
Efficacy: 69.1 lumens/watt
Spacing Criteria (0/90/45): 0.93 / 0.93 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.1
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	107	112	109	107	105	105	104	102	102	100	99	98	97	96	95				95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	89				89
3	104	98	94	90	102	97	93	90	95	91	88	92	89	87	90	88	86	84				84
4	100	93	88	84	98	92	87	84	90	86	83	88	84	82	86	83	81	79				79
5	95	88	83	79	94	87	82	78	85	81	78	84	80	77	82	79	76	75				75
6	91	83	78	74	90	82	77	74	81	76	73	80	76	73	78	75	72	71				71
7	87	79	73	70	86	78	73	69	77	72	69	76	72	69	75	71	68	67				67
8	83	75	69	66	82	74	69	66	73	69	65	72	68	65	71	68	65	63				63
9	80	71	66	62	79	71	66	62	70	65	62	69	65	62	68	64	61	60				60
10	77	68	62	59	76	67	62	59	67	62	59	66	62	59	65	61	58	57				57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	402797
5°	388531
10°	402420
15°	396756
20°	367205
25°	296969
30°	177977
35°	60311
40°	16603
45°	7350
50°	2149
55°	421
60°	219
65°	259
70°	321
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 7350 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	170.8	12.3
10°-20°	486.6	35.0
20°-30°	540.9	38.9
30°-40°	168.4	12.1
40°-50°	20.2	1.5
50°-60°	1.6	0.1
60°-70°	0.5	0.0
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°	1198.3	86.3
0°-40°	1366.6	98.4
0°-60°	1388.4	100.0
0°-90°	1388.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1388.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1837	
5°	1765	171
15°	1748	487
25°	1227	541
35°	225	168
45°	24	20
55°	1	2
65°	0	0
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1836.9
1°	1830.0
2°	1812.1
3°	1789.9
4°	1769.9
5°	1765.1
6°	1770.4
7°	1781.5
8°	1794.1
9°	1804.2
10°	1807.3
11°	1805.2
12°	1796.8
13°	1783.6
14°	1768.3
15°	1747.7
16°	1724.0
17°	1693.9
18°	1660.1
19°	1619.5
20°	1573.6
21°	1521.3
22°	1459.6
23°	1391.5
24°	1313.4
25°	1227.4
26°	1133.0
27°	1032.7
28°	925.6
29°	815.3
30°	702.9
31°	590.0
32°	479.7
32.5°	430.6
33°	379.9
34°	293.9
35°	225.3
36°	171.5
37°	127.2
37.5°	108.7
38°	94.5
39°	71.8
40°	58.0
42.5°	36.9
45°	23.7



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	14.2
50°	6.3
52.5°	2.1
55°	1.1
57.5°	0.5
60°	0.5
62.5°	0.5
65°	0.5
67.5°	0.5
70°	0.5
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)