

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: P1276229

Luminaire Tested: P3AS13R559835DE010 E3D1WH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276229
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: P3AS13R559835DE010 E3D1WH
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 98CRI , E3D1WH TRIM
Light Source: -
Ballast/Driver: -

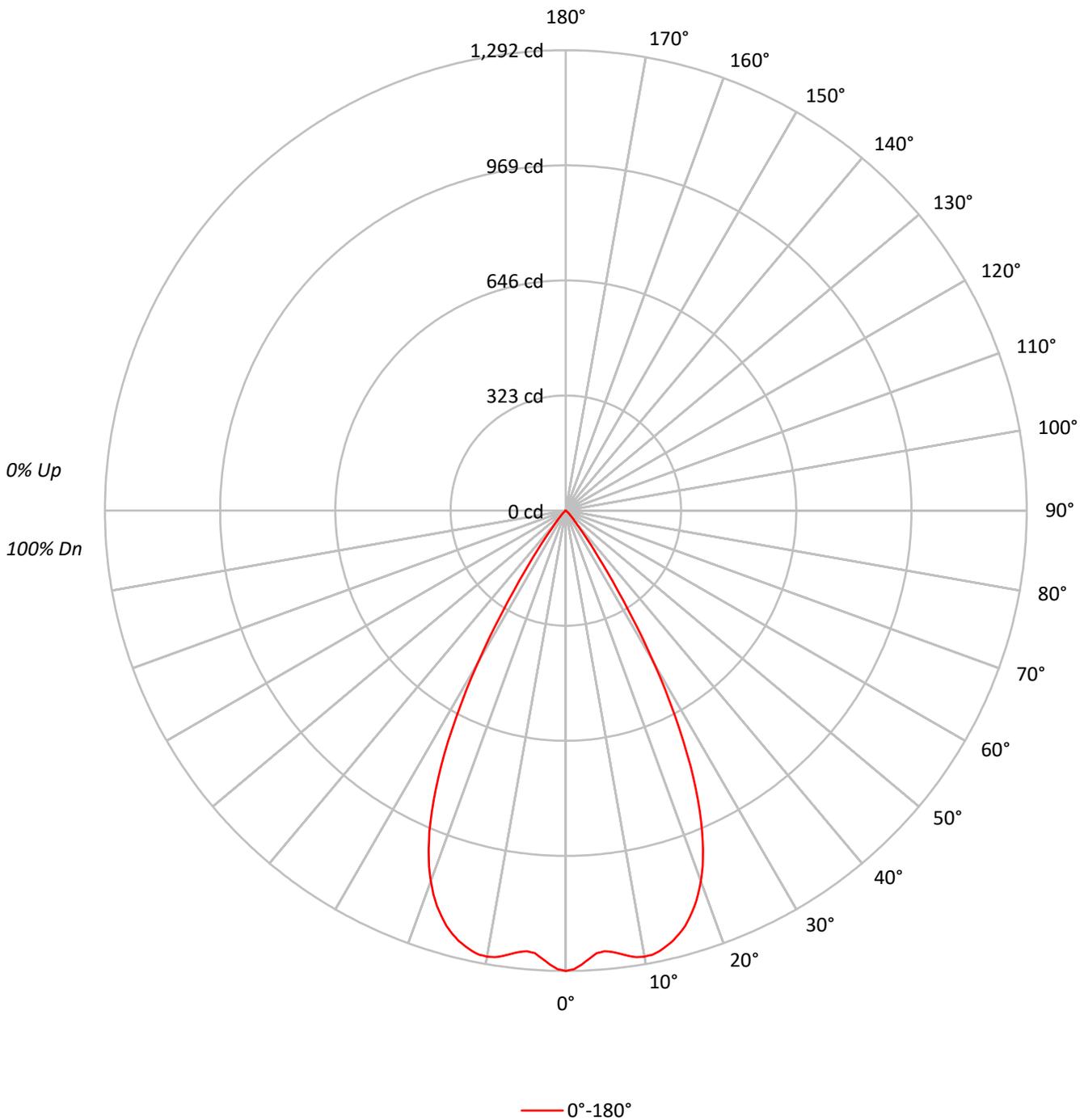
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 977.0 lumens
Efficiency: N/A
Efficacy: 67.4 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): 14.5
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			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	107	112	109	107	105	105	104	102	102	100	99	98	97	96	95	95	95	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	89	89	89	89
3	104	98	94	90	102	97	93	90	95	91	88	92	89	87	90	88	86	84	84	84	84
4	100	93	88	84	98	92	87	84	90	86	83	88	84	82	86	83	81	79	79	79	79
5	95	88	82	79	94	87	82	78	85	81	78	84	80	77	82	79	76	75	75	75	75
6	91	83	78	74	90	82	77	74	81	76	73	80	76	73	78	75	72	71	71	71	71
7	87	79	73	70	86	78	73	69	77	72	69	76	72	69	75	71	68	67	67	67	67
8	83	75	69	66	82	74	69	65	73	69	65	72	68	65	71	68	65	63	63	63	63
9	80	71	66	62	79	71	66	62	70	65	62	69	65	62	68	64	61	60	60	60	60
10	77	68	62	59	76	67	62	59	67	62	59	66	62	59	65	61	58	57	57	57	57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	283311
5°	273299
10°	283072
15°	279071
20°	258276
25°	208875
30°	125184
35°	42429
40°	11679
45°	5179
50°	1535
55°	268
60°	175
65°	208
70°	256
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 5179 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	120.1	12.3
10°-20°	342.3	35.0
20°-30°	380.4	38.9
30°-40°	118.4	12.1
40°-50°	14.2	1.5
50°-60°	1.1	0.1
60°-70°	0.4	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°	842.8	86.3
0°-40°	961.3	98.4
0°-60°	976.6	100.0
0°-90°	977.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	977.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1292	
5°	1242	120
15°	1229	342
25°	863	380
35°	158	118
45°	17	14
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1292.0
1°	1287.2
2°	1274.6
3°	1259.0
4°	1244.9
5°	1241.6
6°	1245.3
7°	1253.1
8°	1262.0
9°	1269.0
10°	1271.3
11°	1269.8
12°	1263.8
13°	1254.5
14°	1243.8
15°	1229.3
16°	1212.6
17°	1191.5
18°	1167.7
19°	1139.1
20°	1106.8
21°	1070.1
22°	1026.7
23°	978.8
24°	923.8
25°	863.3
26°	796.9
27°	726.4
28°	651.0
29°	573.5
30°	494.4
31°	415.0
32°	337.4
32.5°	302.9
33°	267.2
34°	206.7
35°	158.5
36°	120.6
37°	89.5
37.5°	76.5
38°	66.4
39°	50.5
40°	40.8
42.5°	26.0
45°	16.7



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	10.0
50°	4.5
52.5°	1.5
55°	0.7
57.5°	0.4
60°	0.4
62.5°	0.4
65°	0.4
67.5°	0.4
70°	0.4
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)