

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: P1276428

Luminaire Tested: P3AS17R309835DE010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276428
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R309835DE010 E3D1H
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 98CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

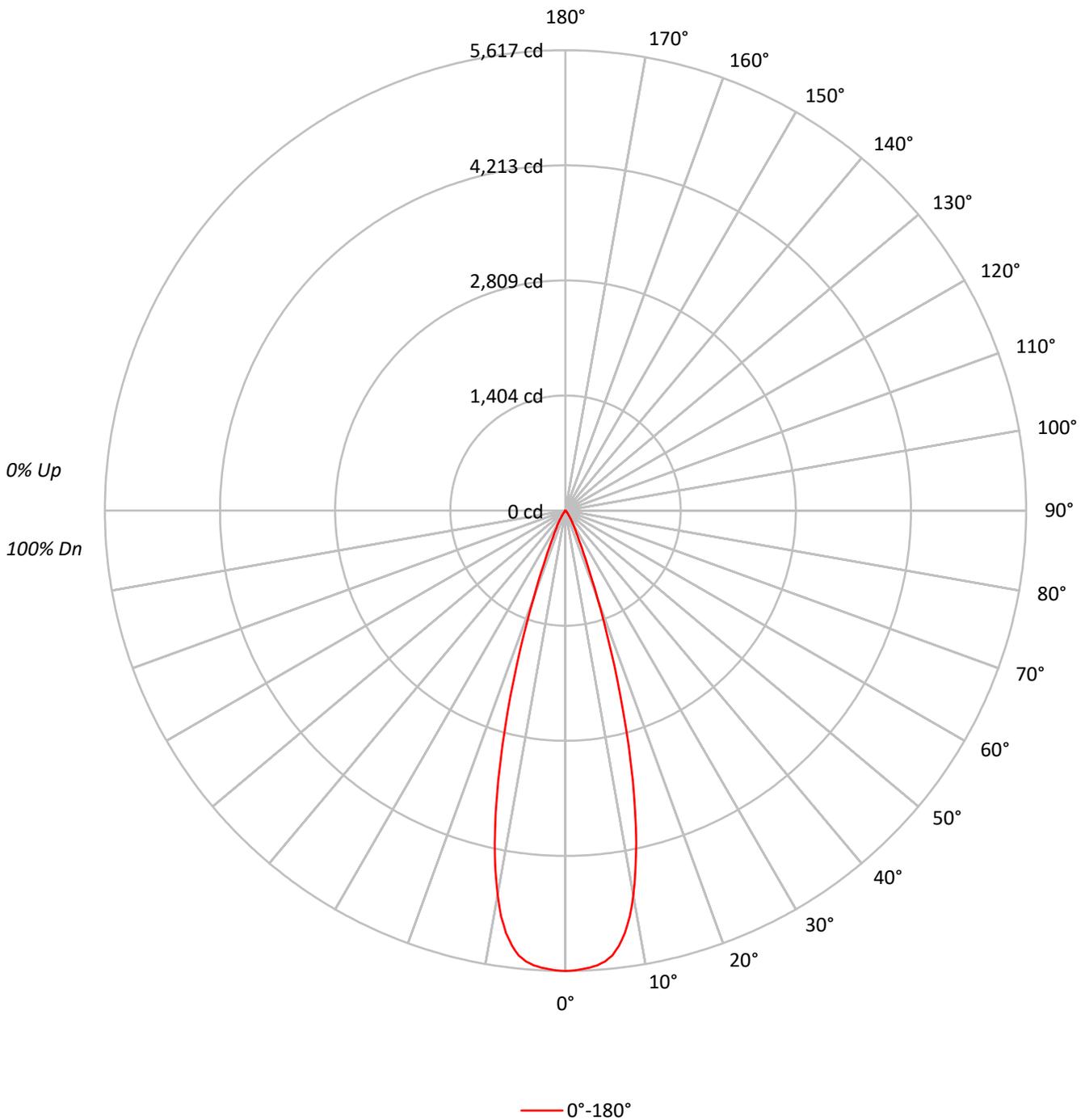
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1548.0 lumens
Efficiency: N/A
Efficacy: 75.9 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.47
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
Input Voltage (V): NR
Input Current (A_{in}): 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

TEST NUMBER: P1276428
CATALOG NUMBER: P3AS17R309835DE010 E3D1H

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	99	98	100
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97	96	95	94
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	94	93	92	90
3	108	103	100	97	106	102	99	96	99	97	95	97	95	93	95	93	92	90	89	88	88
4	105	99	95	92	103	98	95	92	96	93	91	94	92	90	93	91	89	88	86	85	85
5	101	96	92	89	100	95	91	88	93	90	87	92	89	87	90	88	86	85	83	82	82
6	99	92	88	85	97	92	88	85	90	87	85	89	86	84	88	85	83	82	81	80	80
7	96	89	85	82	95	89	85	82	88	84	82	87	84	81	86	83	81	80	79	78	78
8	93	87	83	80	92	86	82	80	85	82	79	84	81	79	84	81	79	78	77	76	76
9	91	84	80	77	90	84	80	77	83	79	77	82	79	77	82	79	77	76	75	74	74
10	88	82	78	75	88	81	78	75	81	77	75	80	77	75	80	77	75	74	73	72	72

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1231634
5°	1215581
10°	1061303
15°	674578
20°	267260
25°	89279
30°	41525
35°	18819
40°	7214
45°	3535
50°	1023
55°	459
60°	263
65°	311
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 3535 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	504.9	32.6
10°-20°	783.0	50.6
20°-30°	201.9	13.0
30°-40°	47.4	3.1
40°-50°	9.2	0.6
50°-60°	1.1	0.1
60°-70°	0.5	0.0
70°-80°	0.0	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°	1489.7	96.2
0°-40°	1537.2	99.3
0°-60°	1547.5	100.0
0°-90°	1548.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1548.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5617	
5°	5522	505
15°	2972	783
25°	369	202
35°	70	47
45°	11	9
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1276428

CATALOG NUMBER: P3AS17R309835DE010 E3D1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	5616.7
1°	5612.5
2°	5599.3
3°	5584.3
4°	5562.0
5°	5522.4
6°	5458.1
7°	5351.1
8°	5205.1
9°	5014.6
10°	4766.4
11°	4471.4
12°	4149.3
13°	3778.5
14°	3390.3
15°	2971.5
16°	2561.1
17°	2165.7
18°	1786.5
19°	1438.6
20°	1145.3
21°	901.4
22°	709.1
23°	561.3
24°	449.5
25°	369.0
26°	307.7
27°	261.4
28°	225.9
29°	193.5
30°	164.0
32.5°	103.4
35°	70.3
37.5°	43.9
40°	25.2
42.5°	16.8
45°	11.4
47.5°	6.6
50°	3.0
52.5°	1.2
55°	1.2
57.5°	0.6
60°	0.6
62.5°	0.6
65°	0.6



TEST NUMBER: P1276428
CATALOG NUMBER: P3AS17R309835DE010 E3D1H

CANDELA DISTRIBUTION (continued):

	0°
67.5°	0.6
70°	0.0
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)