

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: P1276399

Luminaire Tested: P3AS17R259835DE010 E3D1WH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276399
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R259835DE010 E3D1WH
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , E3D1WH TRIM
Light Source: -
Ballast/Driver: -

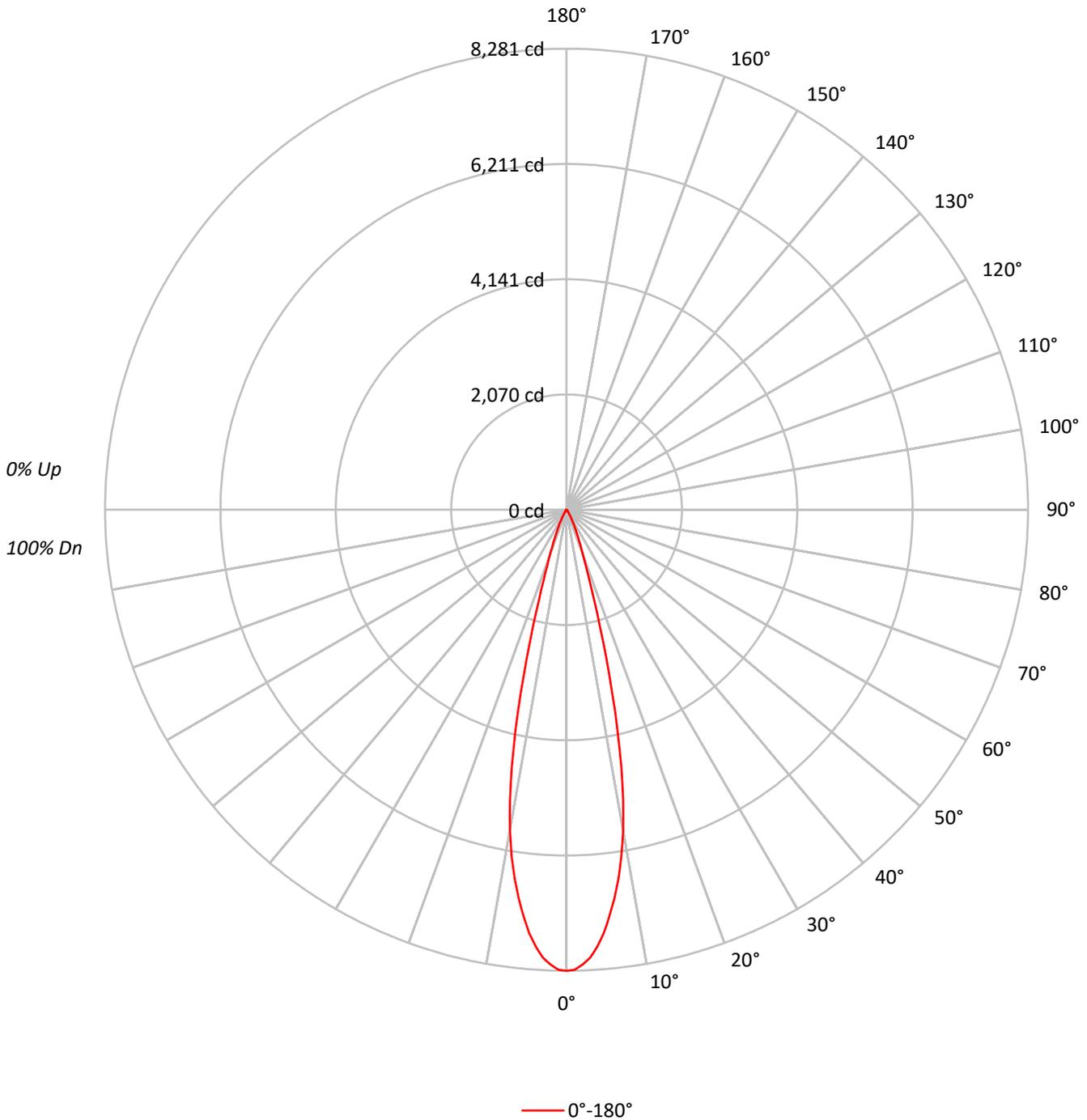
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1658.0 lumens
Efficiency: N/A
Efficacy: 81.3 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.4
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: P1276399
CATALOG NUMBER: P3AS17R259835DE010 E3D1WH

Luminous Intensity Polar Plot





TEST NUMBER: P1276399
 CATALOG NUMBER: P3AS17R259835DE010 E3D1WH

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	99	100
1	115	113	111	110	113	111	110	108	107	106	105	104	103	102	100	99	99	97	97	97	97
2	112	108	106	103	110	107	104	102	104	102	100	101	99	98	98	97	96	96	96	96	94
3	109	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	92	92	92
4	106	101	97	94	104	100	96	94	98	95	92	96	93	91	94	92	90	89	89	89	89
5	103	97	93	91	101	96	93	90	95	92	90	93	91	89	92	90	88	87	87	87	87
6	100	94	90	88	99	94	90	87	92	89	87	91	88	86	90	88	86	85	85	85	85
7	98	92	88	85	97	91	87	85	90	87	84	89	86	84	88	86	84	83	83	83	83
8	95	89	85	83	94	89	85	83	88	85	82	87	84	82	86	84	82	81	81	81	81
9	93	87	83	81	92	86	83	80	86	83	80	85	82	80	84	82	80	79	79	79	79
10	91	85	81	79	90	84	81	79	84	81	78	83	80	78	83	80	78	77	77	77	77

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1815819
5°	1682100
10°	1301468
15°	621615
20°	204954
25°	86400
30°	33499
35°	14482
40°	4809
45°	2233
50°	819
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: 2233 cd/sqm



TEST NUMBER: P1276399
 CATALOG NUMBER: P3AS17R259835DE010 E3D1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	671.7	40.5
10°-20°	764.0	46.1
20°-30°	177.5	10.7
30°-40°	37.3	2.2
40°-50°	6.0	0.4
50°-60°	1.0	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°	1613.2	97.3
0°-40°	1650.5	99.5
0°-60°	1657.5	100.0
0°-90°	1658.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1658.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	8281	
5°	7642	672
15°	2738	764
25°	357	178
35°	54	37
45°	7	6
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P1276399
CATALOG NUMBER: P3AS17R259835DE010 E3D1WH

CANDELA DISTRIBUTION (FULL):

0°	
0°	8280.8
1°	8264.0
2°	8178.0
3°	8057.2
4°	7872.6
5°	7641.8
6°	7345.4
7°	7035.2
8°	6687.2
9°	6294.6
10°	5845.0
11°	5323.8
12°	4725.6
13°	4070.4
14°	3385.1
15°	2738.2
16°	2165.9
17°	1687.4
18°	1327.3
19°	1061.6
20°	878.3
21°	734.0
22°	616.2
23°	514.6
24°	430.4
25°	357.1
27.5°	211.6
30°	132.3
32.5°	84.8
35°	54.1
37.5°	32.5
40°	16.8
42.5°	10.8
45°	7.2
47.5°	4.2
50°	2.4
52.5°	1.2
55°	1.2
57.5°	0.6
60°	0.6
62.5°	0.6
65°	0.6
67.5°	0.6
70°	0.0
72.5°	0.0



TEST NUMBER: P1276399
CATALOG NUMBER: P3AS17R259835DE010 E3D1WH

CANDELA DISTRIBUTION (continued):

	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)