

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: P1275706

Luminaire Tested: P3AS09R259835DE010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275706
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: P3AS09R259835DE010 E3D1H
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

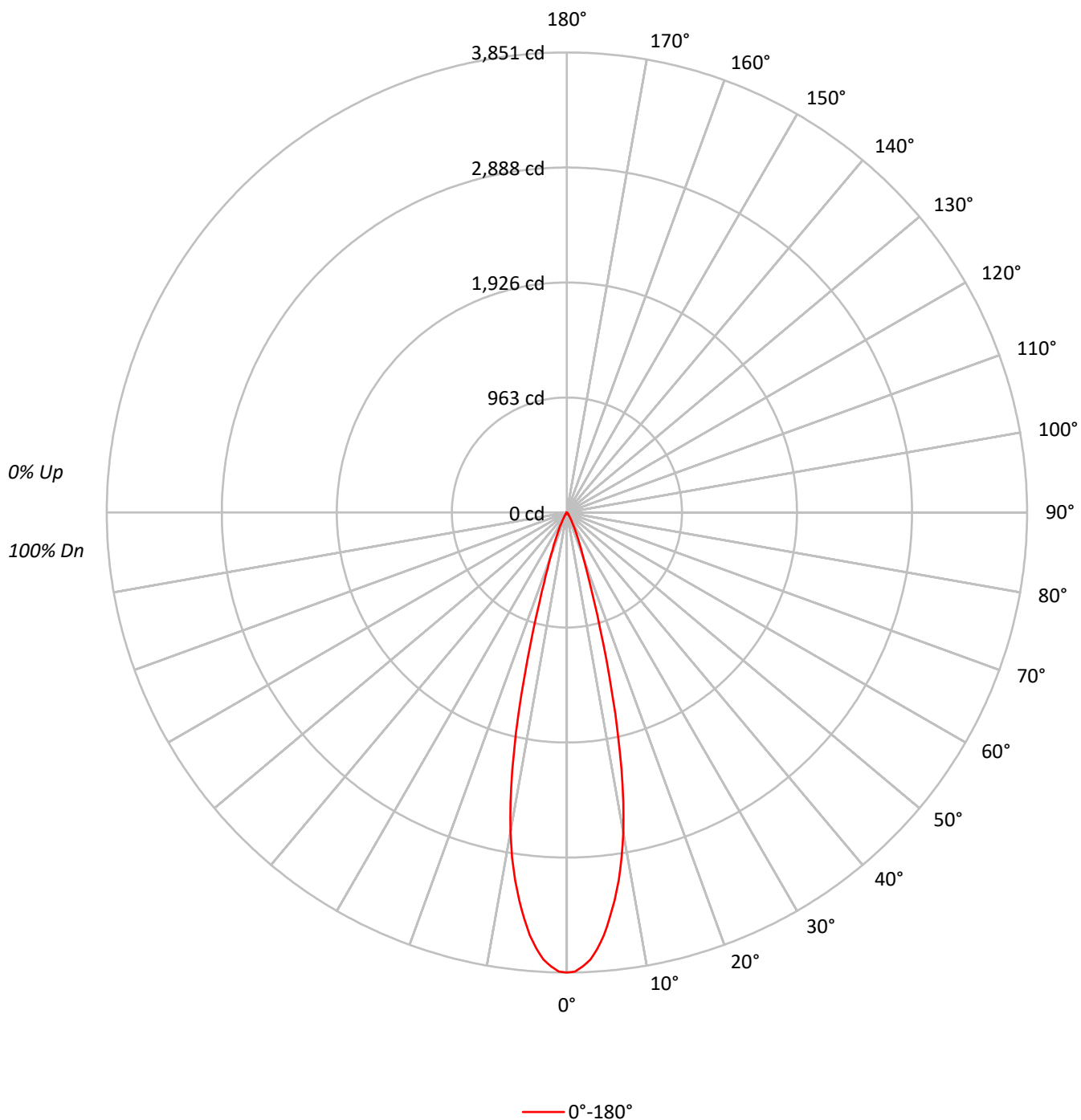
Lumens per Lamp: N/A
Luminaire Lumens: 771.0 lumens
Efficiency: N/A
Efficacy: 70.1 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.4
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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

TEST NUMBER: P1275706

CATALOG NUMBER: P3AS09R259835DE010 E3D1H

Luminous Intensity Polar Plot



TEST NUMBER: P1275706

CATALOG NUMBER: P3AS09R259835DE010 E3D1H

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	115	113	111	110	113	111	110	108	107	106	105		104	103	102		100
2	112	108	106	103	110	107	104	102	104	102	100		101	99	98		98
3	109	104	101	98	107	103	100	97	100	98	96		98	96	94		96
4	106	101	97	94	104	100	96	94	98	95	92		96	93	91		94
5	103	97	93	91	101	96	93	90	95	92	90		93	91	89		92
6	100	94	90	88	99	94	90	87	92	89	87		91	88	86		90
7	98	92	88	85	97	91	87	85	90	87	84		89	86	84		88
8	95	89	85	83	94	89	85	83	88	85	82		87	84	82		86
9	93	87	83	81	92	86	83	80	86	83	80		85	82	80		84
10	91	85	81	79	90	84	81	79	84	81	78		83	80	78		83

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	844384
5°	782212
10°	605199
15°	289060
20°	95302
25°	40164
30°	15572
35°	6746
40°	2233
45°	1054
50°	375
55°	229
60°	132
65°	156
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1054 cd/sqm

TEST NUMBER: P1275706

CATALOG NUMBER: P3AS09R259835DE010 E3D1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	312.4	40.5
10°-20°	355.3	46.1
20°-30°	82.6	10.7
30°-40°	17.3	2.2
40°-50°	2.8	0.4
50°-60°	0.5	0.1
60°-70°	0.3	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°	750.2	97.3
0°-40°	767.5	99.5
0°-60°	770.8	100.0
0°-90°	771.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	771.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3851	
5°	3554	312
15°	1273	355
25°	166	83
35°	25	17
45°	3	3
55°	1	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1275706

CATALOG NUMBER: P3AS09R259835DE010 E3D1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	3850.7
1°	3842.9
2°	3802.9
3°	3746.7
4°	3660.9
5°	3553.6
6°	3415.8
7°	3271.5
8°	3109.7
9°	2927.1
10°	2718.0
11°	2475.6
12°	2197.5
13°	1892.8
14°	1574.1
15°	1273.3
16°	1007.2
17°	784.7
18°	617.2
19°	493.7
20°	408.4
21°	341.3
22°	286.5
23°	239.3
24°	200.2
25°	166.0
27.5°	98.4
30°	61.5
32.5°	39.4
35°	25.2
37.5°	15.1
40°	7.8
42.5°	5.0
45°	3.4
47.5°	2.0
50°	1.1
52.5°	0.6
55°	0.6
57.5°	0.3
60°	0.3
62.5°	0.3
65°	0.3
67.5°	0.3
70°	0.0
72.5°	0.0

TEST NUMBER: P1275706

CATALOG NUMBER: P3AS09R259835DE010 E3D1H

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)