

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: P1254228

Luminaire Tested: P3AS09R259035DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254228
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R259035DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

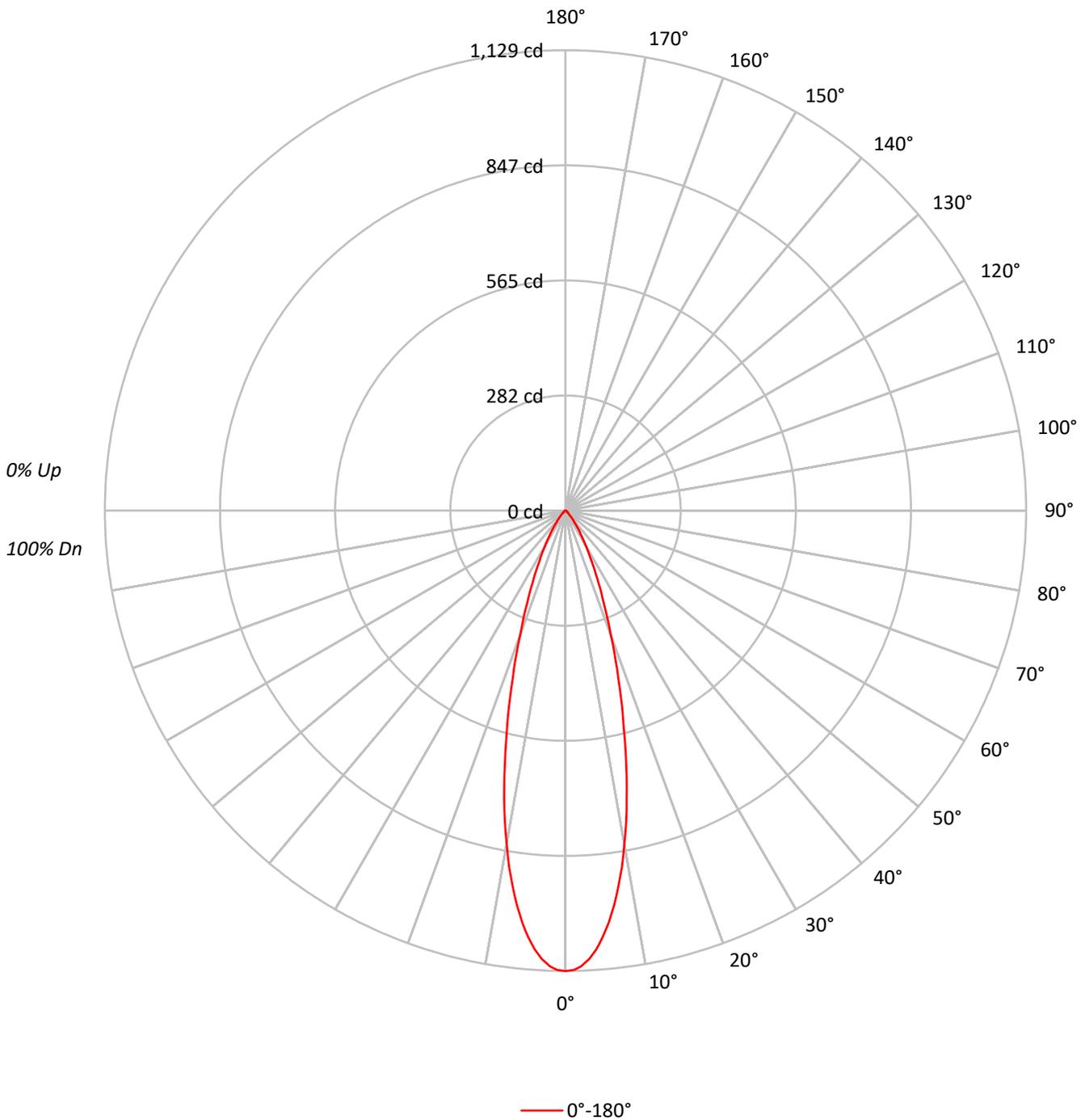
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 386.0 lumens
Efficiency: N/A
Efficacy: 34.8 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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

TEST NUMBER: P1254228
CATALOG NUMBER: P3AS09R259035DE010 E3DL1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1254228

CATALOG NUMBER: P3AS09R259035DE010 E3DL1GPH

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	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	95	95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	90	90	90
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	86	86	86
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	82	82	82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	78	78	78
6	94	86	81	78	92	86	81	78	84	80	77	83	79	77	82	78	76	75	75	75	75
7	90	83	78	74	89	82	77	74	81	77	74	80	76	73	79	75	73	72	72	72	72
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70	69	69	69	69
9	84	76	71	68	83	76	71	68	75	71	68	74	70	68	73	70	67	66	66	66	66
10	81	73	69	65	80	73	68	65	72	68	65	72	68	65	71	67	65	64	64	64	64

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	247612
5°	231014
10°	185056
15°	125608
20°	76003
25°	44446
30°	25320
35°	13920
40°	7385
45°	3876
50°	2252
55°	1682
60°	1447
65°	1557
70°	1410
75°	1271
80°	884
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 3876 cd/sqm



TEST NUMBER: P1254228

CATALOG NUMBER: P3AS09R259035DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.1	24.1
10°-20°	152.1	39.4
20°-30°	86.9	22.5
30°-40°	34.3	8.9
40°-50°	10.5	2.7
50°-60°	4.2	1.1
60°-70°	2.8	0.7
70°-80°	1.5	0.4
80°-90°	0.5	0.1
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°	332.2	86.1
0°-40°	366.5	94.9
0°-60°	381.2	98.7
0°-90°	386.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	386.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1129	
5°	1050	93
15°	553	152
25°	184	87
35°	52	34
45°	12	11
55°	4	4
65°	3	3
75°	2	2
85°	0	1
90°	0	



TEST NUMBER: P1254228
CATALOG NUMBER: P3AS09R259035DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1129.2
1°	1127.0
2°	1117.7
3°	1101.5
4°	1079.0
5°	1049.5
6°	1014.8
7°	975.7
8°	930.3
9°	883.9
10°	831.1
11°	779.1
12°	721.9
13°	665.5
14°	607.6
15°	553.3
17.5°	429.0
20°	325.7
22.5°	244.6
25°	183.7
27.5°	136.1
30°	100.0
32.5°	72.3
35°	52.0
37.5°	36.9
40°	25.8
42.5°	17.7
45°	12.5
47.5°	8.9
50°	6.6
52.5°	5.2
55°	4.4
57.5°	4.1
60°	3.3
62.5°	3.0
65°	3.0
67.5°	2.6
70°	2.2
72.5°	1.8
75°	1.5
77.5°	1.1
80°	0.7
82.5°	0.7
85°	0.4
87.5°	0.4



TEST NUMBER: P1254228
CATALOG NUMBER: P3AS09R259035DE010 E3DL1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)