

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: P1267179

Luminaire Tested: P3A09R559735DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267179
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R559735DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 97CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

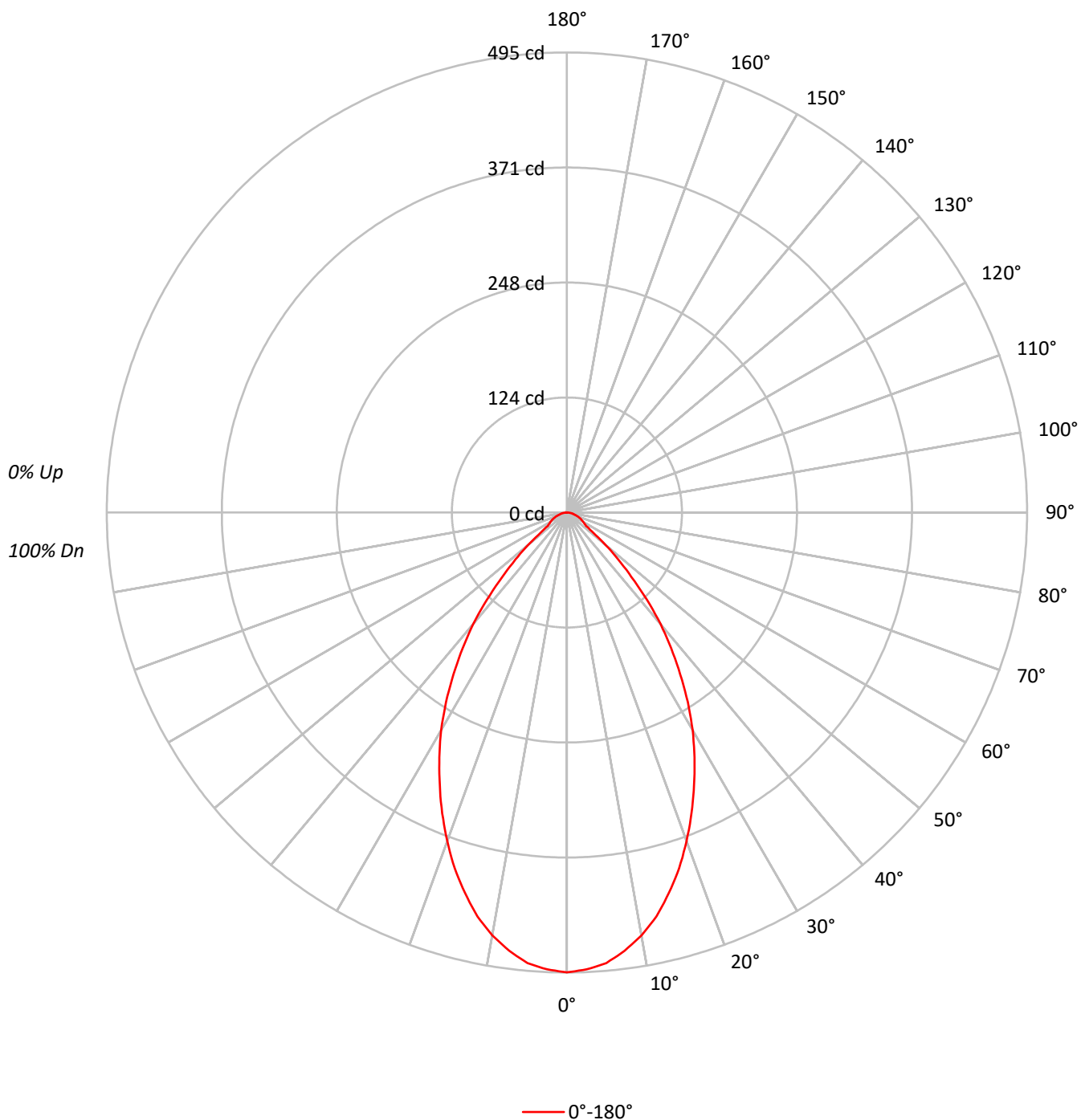
Lumens per Lamp: N/A
Luminaire Lumens: 577.0 lumens
Efficiency: N/A
Efficacy: 52.0 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1267179

CATALOG NUMBER: P3A09R559735DE010 E3DLD1LI

Luminous Intensity Polar Plot





TEST NUMBER: P1267179

CATALOG NUMBER: P3A09R559735DE010 E3DLD1LI

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20
RC	80					70					30					10					0
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	112	109	106	103		110	107	104	102		103	100	98		99	97	95		95	94	93
2	105	100	95	91		103	98	93	90		94	91	88		91	88	86		89	86	84
3	99	91	85	81		97	90	84	80		87	82	79		85	81	77		82	79	76
4	93	84	77	72		91	83	77	72		80	75	71		78	74	70		76	73	69
5	87	77	71	66		85	76	70	65		75	69	65		73	68	64		71	67	64
6	82	72	65	60		80	71	64	60		69	64	59		68	63	59		66	62	58
7	77	67	60	55		76	66	59	55		65	59	54		63	58	54		62	57	54
8	73	62	55	51		72	62	55	51		60	55	50		59	54	50		58	53	50
9	69	58	51	47		68	58	51	47		57	51	47		56	50	46		55	50	46
10	65	55	48	44		64	54	48	44		53	47	43		52	47	43		52	47	43

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	108500
5°	107110
10°	102871
15°	96232
20°	87788
25°	78319
30°	68492
35°	56911
40°	44855
45°	30422
50°	18592
55°	9634
60°	8947
65°	8509
70°	7886
75°	6947
80°	6945
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 30422 cd/sqm

TEST NUMBER: P1267179

CATALOG NUMBER: P3A09R559735DE010 E3DLD1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.6	7.9
10°-20°	118.5	20.5
20°-30°	148.4	25.7
30°-40°	132.4	23.0
40°-50°	77.5	13.4
50°-60°	26.8	4.6
60°-70°	16.2	2.8
70°-80°	9.0	1.6
80°-90°	2.6	0.5
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°	312.5	54.2
0°-40°	444.9	77.1
0°-60°	549.2	95.2
0°-90°	577.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	577.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	495	
5°	487	46
15°	424	118
25°	324	148
35°	213	132
45°	98	78
55°	25	27
65°	16	16
75°	8	9
85°	2	3
90°	0	

TEST NUMBER: P1267179

CATALOG NUMBER: P3A09R559735DE010 E3DLD1LI

CANDELA DISTRIBUTION (FULL):

	0°
0°	494.8
2.5°	492.0
5°	486.6
7.5°	475.7
10°	462.0
12.5°	445.0
15°	423.9
17.5°	401.4
20°	376.2
22.5°	350.3
25°	323.7
27.5°	297.1
30°	270.5
32.5°	241.9
35°	212.6
37.5°	184.0
40°	156.7
42.5°	127.4
45°	98.1
47.5°	75.0
50°	54.5
52.5°	35.4
55°	25.2
57.5°	22.5
60°	20.4
62.5°	18.4
65°	16.4
67.5°	14.3
70°	12.3
72.5°	10.2
75°	8.2
77.5°	6.8
80°	5.5
82.5°	3.4
85°	2.0
87.5°	1.4
90°	0.0

(END OF REPORT)