

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: P1259539

Luminaire Tested: P3AS09R259050DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259539
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R259050DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

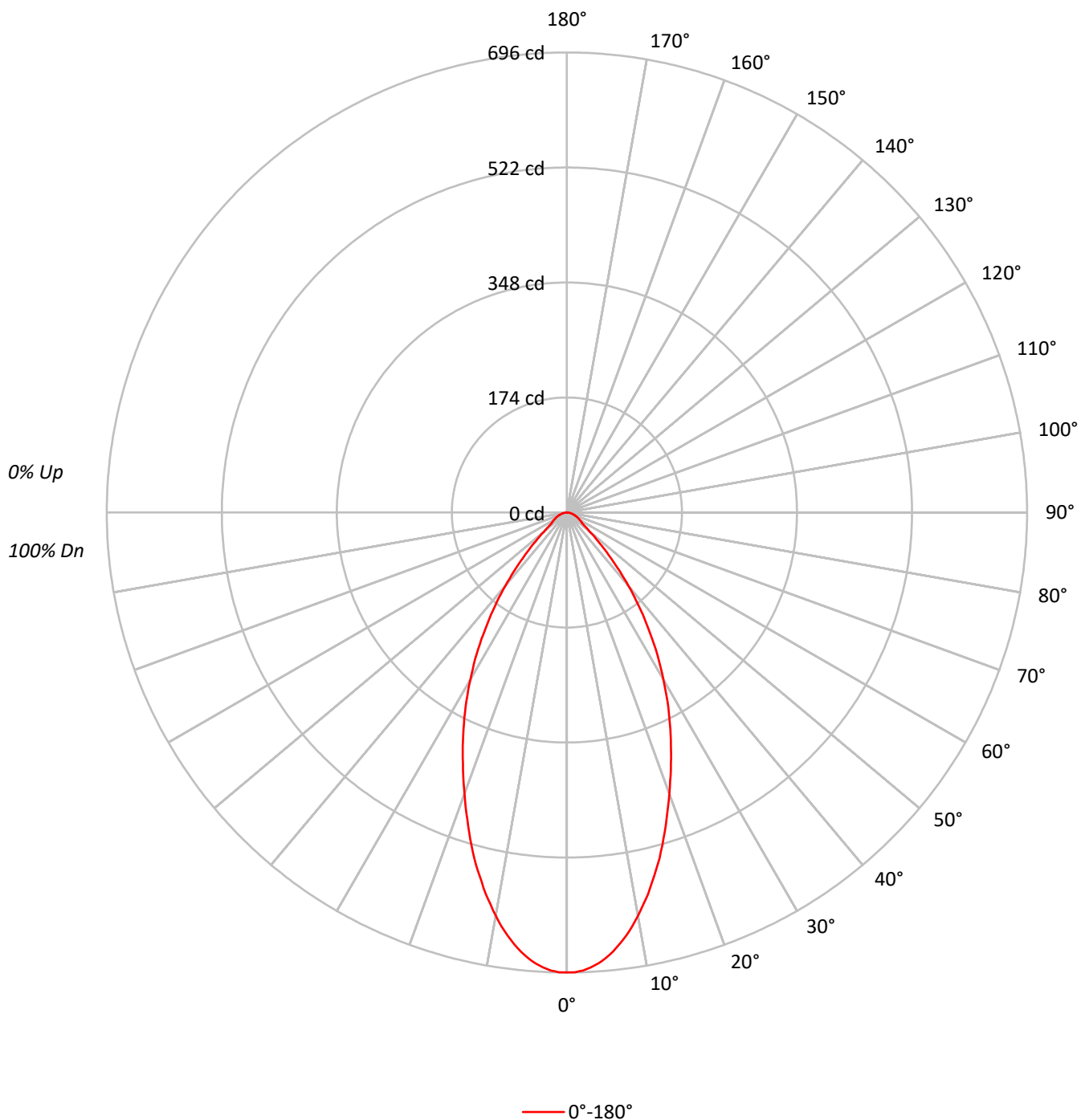
Lumens per Lamp: N/A
Luminaire Lumens: 642.0 lumens
Efficiency: N/A
Efficacy: 57.8 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1259539

CATALOG NUMBER: P3AS09R259050DE010 E3DLD1H

Luminous Intensity Polar Plot



TEST NUMBER: P1259539

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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	112	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	152575
5°	148932
10°	138007
15°	122929
20°	105639
25°	89787
30°	73910
35°	57581
40°	41449
45°	26297
50°	15556
55°	10705
60°	9824
65°	9132
70°	8207
75°	7456
80°	7072
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 26297 cd/sqm

TEST NUMBER: P1259539

CATALOG NUMBER: P3AS09R259050DE010 E3DLD1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.7	9.8
10°-20°	150.3	23.4
20°-30°	169.8	26.5
30°-40°	134.3	20.9
40°-50°	67.9	10.6
50°-60°	27.2	4.2
60°-70°	17.4	2.7
70°-80°	9.6	1.5
80°-90°	2.7	0.4
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°	382.9	59.6
0°-40°	517.2	80.6
0°-60°	612.3	95.4
0°-90°	642.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	642.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	696	
5°	677	63
15°	542	150
25°	371	170
35°	215	134
45°	85	68
55°	28	27
65°	18	17
75°	9	10
85°	2	3
90°	0	

TEST NUMBER: P1259539

CATALOG NUMBER: P3AS09R259050DE010 E3DLD1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	695.8
1°	695.8
2°	693.4
3°	689.4
4°	683.8
5°	676.6
6°	667.8
7°	657.4
8°	646.2
9°	633.4
10°	619.8
11°	604.6
12°	590.3
13°	573.5
14°	557.5
15°	541.5
17.5°	496.7
20°	452.7
22.5°	411.1
25°	371.1
27.5°	331.9
30°	291.9
32.5°	254.3
35°	215.1
37.5°	179.2
40°	144.8
42.5°	112.8
45°	84.8
47.5°	63.2
50°	45.6
52.5°	34.4
55°	28.0
57.5°	25.6
60°	22.4
62.5°	20.0
65°	17.6
67.5°	15.2
70°	12.8
72.5°	11.2
75°	8.8
77.5°	7.2
80°	5.6
82.5°	4.0
85°	2.4
87.5°	0.8



TEST NUMBER: P1259539

CATALOG NUMBER: P3AS09R259050DE010 E3DLD1H

CANDELA DISTRIBUTION (continued):



(END OF REPORT)