

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: P1262244

Luminaire Tested: P3AS09R259727DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262244
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: P3AS09R259727DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

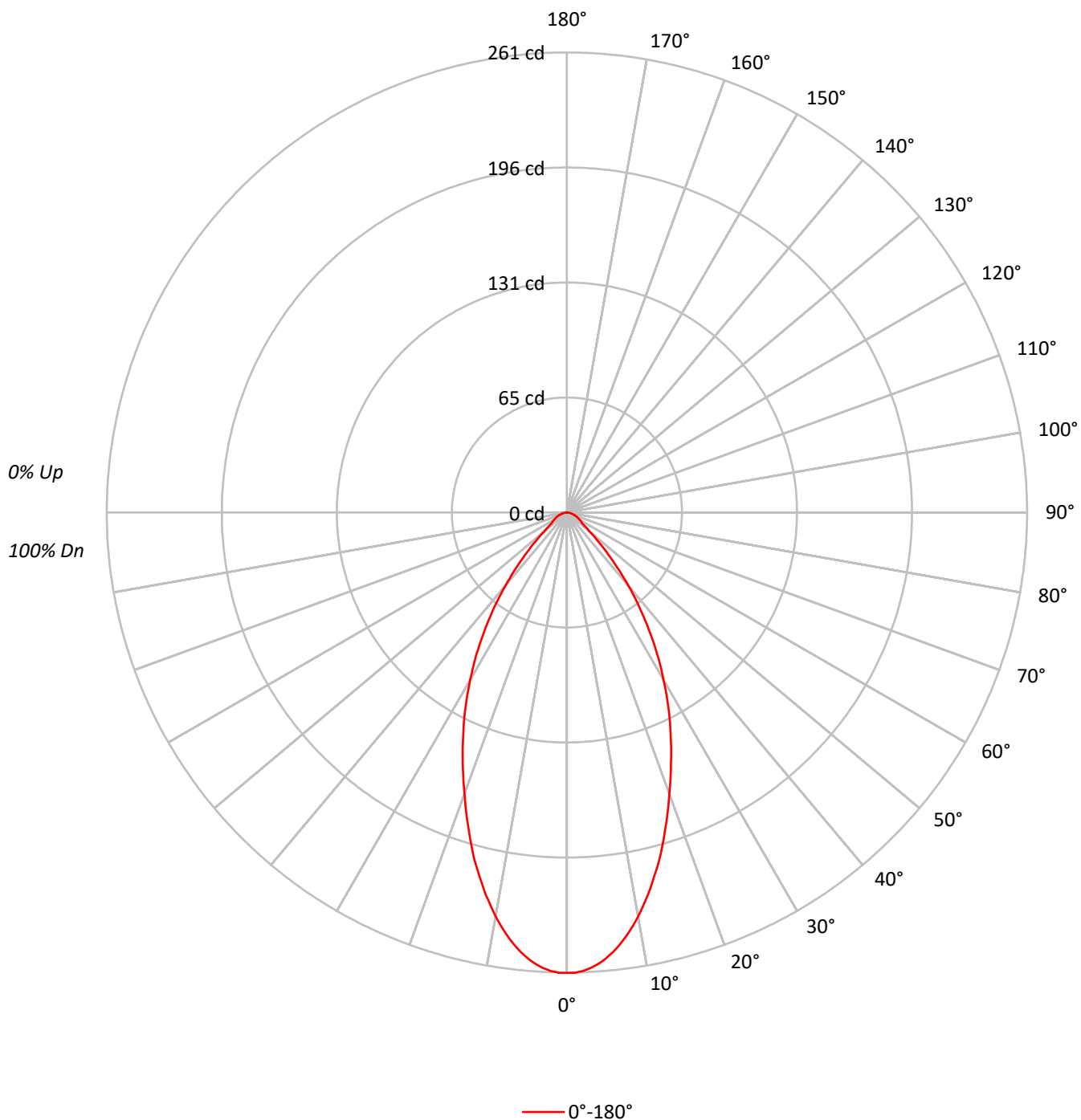
Lumens per Lamp: N/A
Luminaire Lumens: 241.0 lumens
Efficiency: N/A
Efficacy: 21.7 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1262244

CATALOG NUMBER: P3AS09R259727DE010 E3DLD1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1262244

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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°	57276
5°	55910
10°	51814
15°	46152
20°	39647
25°	33704
30°	27751
35°	21630
40°	15543
45°	9861
50°	5833
55°	4014
60°	3684
65°	3424
70°	3077
75°	2796
80°	2652
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9861 cd/sqm

TEST NUMBER: P1262244

CATALOG NUMBER: P3AS09R259727DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.6	9.8
10°-20°	56.4	23.4
20°-30°	63.8	26.5
30°-40°	50.4	20.9
40°-50°	25.5	10.6
50°-60°	10.2	4.2
60°-70°	6.5	2.7
70°-80°	3.6	1.5
80°-90°	1.0	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°	143.7	59.6
0°-40°	194.2	80.6
0°-60°	229.8	95.4
0°-90°	241.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	241.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	261	
5°	254	24
15°	203	56
25°	139	64
35°	81	50
45°	32	25
55°	10	10
65°	7	7
75°	3	4
85°	1	1
90°	0	

TEST NUMBER: P1262244

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CANDELA DISTRIBUTION (FULL):

0°	
0°	261.2
1°	261.2
2°	260.3
3°	258.8
4°	256.7
5°	254.0
6°	250.7
7°	246.8
8°	242.6
9°	237.8
10°	232.7
11°	227.0
12°	221.6
13°	215.3
14°	209.3
15°	203.3
17.5°	186.4
20°	169.9
22.5°	154.3
25°	139.3
27.5°	124.6
30°	109.6
32.5°	95.5
35°	80.8
37.5°	67.3
40°	54.3
42.5°	42.3
45°	31.8
47.5°	23.7
50°	17.1
52.5°	12.9
55°	10.5
57.5°	9.6
60°	8.4
62.5°	7.5
65°	6.6
67.5°	5.7
70°	4.8
72.5°	4.2
75°	3.3
77.5°	2.7
80°	2.1
82.5°	1.5
85°	0.9
87.5°	0.3



TEST NUMBER: P1262244

CATALOG NUMBER: P3AS09R259727DE010 E3DLD1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)