

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: P1269381

Luminaire Tested: P3AS09R259740DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269381
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: P3AS09R259740DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

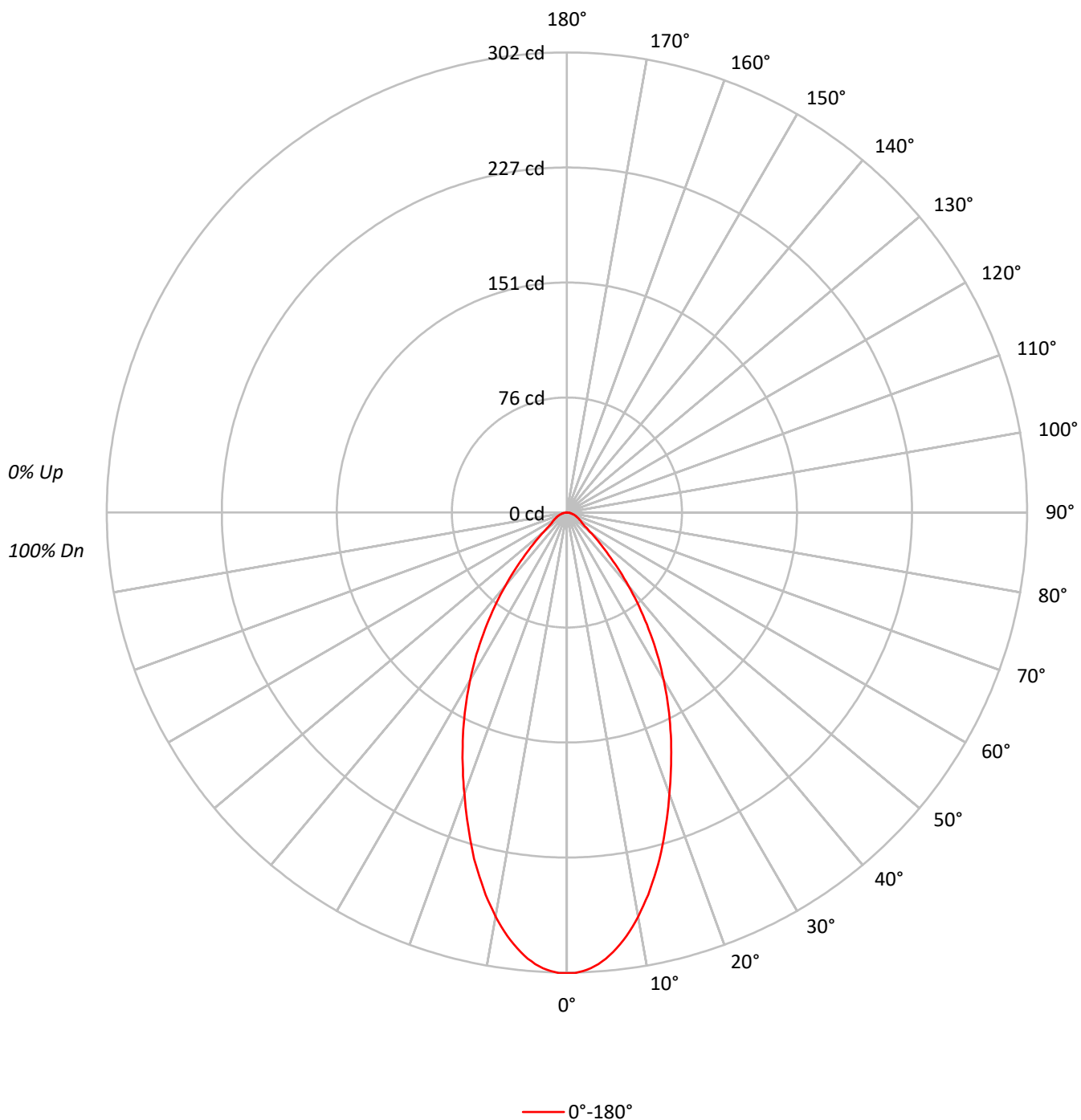
Lumens per Lamp: N/A
Luminaire Lumens: 278.9 lumens
Efficiency: N/A
Efficacy: 25.1 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1269381

CATALOG NUMBER: P3AS09R259740DE010 E3DLD1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1269381

CATALOG NUMBER: P3AS09R259740DE010 E3DLD1GPH

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°	66310
5°	64715
10°	59986
15°	53417
20°	45901
25°	39026
30°	32132
35°	25029
40°	18005
45°	11412
50°	6755
55°	4664
60°	4254
65°	3943
70°	3590
75°	3219
80°	3031
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11412 cd/sqm

TEST NUMBER: P1269381

CATALOG NUMBER: P3AS09R259740DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.3	9.8
10°-20°	65.3	23.4
20°-30°	73.8	26.5
30°-40°	58.4	20.9
40°-50°	29.5	10.6
50°-60°	11.8	4.2
60°-70°	7.6	2.7
70°-80°	4.2	1.5
80°-90°	1.1	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°	166.4	59.7
0°-40°	224.8	80.6
0°-60°	266.1	95.4
0°-90°	278.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	278.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	302	
5°	294	27
15°	235	65
25°	161	74
35°	94	58
45°	37	29
55°	12	12
65°	8	8
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1269381

CATALOG NUMBER: P3AS09R259740DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

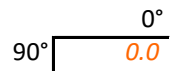
0°	
0°	302.4
1°	302.4
2°	301.3
3°	299.6
4°	297.2
5°	294.0
6°	290.2
7°	285.7
8°	280.8
9°	275.3
10°	269.4
11°	262.8
12°	256.5
13°	249.2
14°	242.3
15°	235.3
17.5°	215.8
20°	196.7
22.5°	178.7
25°	161.3
27.5°	144.2
30°	126.9
32.5°	110.5
35°	93.5
37.5°	77.9
40°	62.9
42.5°	49.0
45°	36.8
47.5°	27.5
50°	19.8
52.5°	14.9
55°	12.2
57.5°	11.1
60°	9.7
62.5°	8.7
65°	7.6
67.5°	6.6
70°	5.6
72.5°	4.9
75°	3.8
77.5°	3.1
80°	2.4
82.5°	1.7
85°	1.0
87.5°	0.3



TEST NUMBER: P1269381

CATALOG NUMBER: P3AS09R259740DE010 E3DLD1GPH

CANDELA DISTRIBUTION (continued):



(END OF REPORT)