

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: P1271577

Luminaire Tested: P3AS09R259827DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271577
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: P3AS09R259827DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

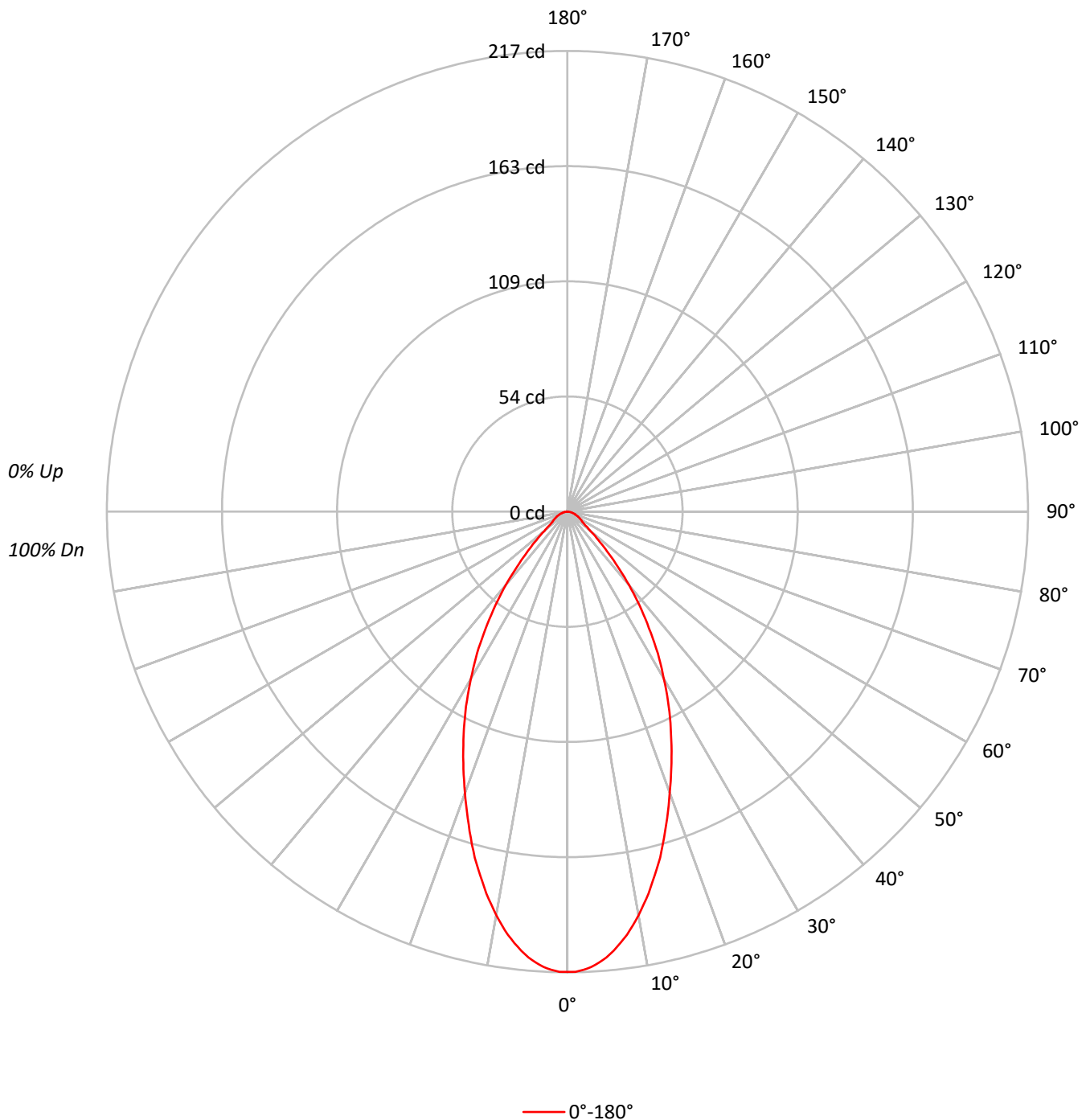
Lumens per Lamp: N/A
Luminaire Lumens: 199.9 lumens
Efficiency: N/A
Efficacy: 18.2 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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: P1271577

CATALOG NUMBER: P3AS09R259827DE010 E3DLD1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1271577

CATALOG NUMBER: P3AS09R259827DE010 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°	47540
5°	46401
10°	42996
15°	38298
20°	32903
25°	27969
30°	23016
35°	17935
40°	12910
45°	8187
50°	4844
55°	3326
60°	3070
65°	2854
70°	2565
75°	2288
80°	2147
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8187 cd/sqm

TEST NUMBER: P1271577

CATALOG NUMBER: P3AS09R259827DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.5	9.8
10°-20°	46.8	23.4
20°-30°	52.9	26.5
30°-40°	41.8	20.9
40°-50°	21.1	10.6
50°-60°	8.5	4.2
60°-70°	5.4	2.7
70°-80°	3.0	1.5
80°-90°	0.8	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°	119.3	59.7
0°-40°	161.1	80.6
0°-60°	190.7	95.4
0°-90°	199.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	199.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	217	
5°	211	20
15°	169	47
25°	116	53
35°	67	42
45°	26	21
55°	9	8
65°	6	5
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1271577

CATALOG NUMBER: P3AS09R259827DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	216.8
1°	216.8
2°	216.0
3°	214.8
4°	213.0
5°	210.8
6°	208.0
7°	204.8
8°	201.3
9°	197.3
10°	193.1
11°	188.4
12°	183.9
13°	178.6
14°	173.7
15°	168.7
17.5°	154.7
20°	141.0
22.5°	128.1
25°	115.6
27.5°	103.4
30°	90.9
32.5°	79.2
35°	67.0
37.5°	55.8
40°	45.1
42.5°	35.1
45°	26.4
47.5°	19.7
50°	14.2
52.5°	10.7
55°	8.7
57.5°	8.0
60°	7.0
62.5°	6.2
65°	5.5
67.5°	4.7
70°	4.0
72.5°	3.5
75°	2.7
77.5°	2.2
80°	1.7
82.5°	1.2
85°	0.7
87.5°	0.2



TEST NUMBER: P1271577

CATALOG NUMBER: P3AS09R259827DE010 E3DLD1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)