

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: P1247586

Luminaire Tested: P3AS20R259024D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247586
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: P3AS20R259024D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 2400K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

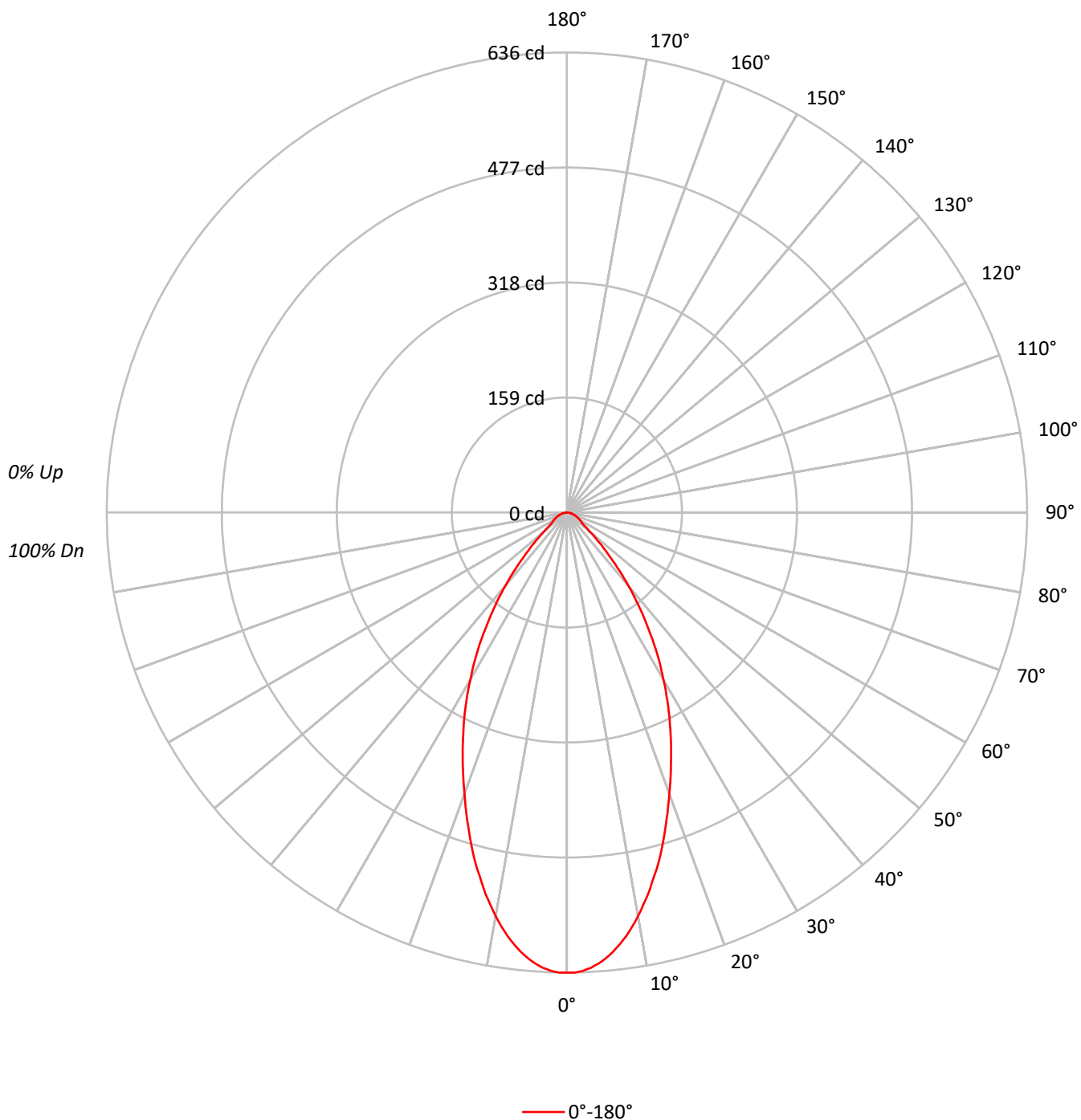
Lumens per Lamp: N/A
Luminaire Lumens: 587.0 lumens
Efficiency: N/A
Efficacy: 20.4 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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: P1247586

CATALOG NUMBER: P3AS20R259024D010 E3DLD1GPH

Luminous Intensity Polar Plot



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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°	139506
5°	136187
10°	126183
15°	112396
20°	96585
25°	82093
30°	67580
35°	52655
40°	37900
45°	24034
50°	14226
55°	9787
60°	8991
65°	8354
70°	7501
75°	6778
80°	6440
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 24034 cd/sqm

TEST NUMBER: P1247586

CATALOG NUMBER: P3AS20R259024D010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.4	9.8
10°-20°	137.4	23.4
20°-30°	155.3	26.5
30°-40°	122.8	20.9
40°-50°	62.1	10.6
50°-60°	24.8	4.2
60°-70°	15.9	2.7
70°-80°	8.8	1.5
80°-90°	2.5	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°	350.1	59.6
0°-40°	472.9	80.6
0°-60°	559.8	95.4
0°-90°	587.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	587.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	636	
5°	619	57
15°	495	137
25°	339	155
35°	197	123
45°	78	62
55°	26	25
65°	16	16
75°	8	9
85°	2	2
90°	0	

TEST NUMBER: P1247586

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CANDELA DISTRIBUTION (FULL):

0°	
0°	636.2
1°	636.2
2°	634.0
3°	630.4
4°	625.2
5°	618.7
6°	610.6
7°	601.1
8°	590.9
9°	579.2
10°	566.7
11°	552.8
12°	539.7
13°	524.3
14°	509.7
15°	495.1
17.5°	454.1
20°	413.9
22.5°	375.9
25°	339.3
27.5°	303.5
30°	266.9
32.5°	232.5
35°	196.7
37.5°	163.8
40°	132.4
42.5°	103.1
45°	77.5
47.5°	57.8
50°	41.7
52.5°	31.4
55°	25.6
57.5°	23.4
60°	20.5
62.5°	18.3
65°	16.1
67.5°	13.9
70°	11.7
72.5°	10.2
75°	8.0
77.5°	6.6
80°	5.1
82.5°	3.7
85°	2.2
87.5°	0.7



TEST NUMBER: P1247586

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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)