

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: P1260321

Luminaire Tested: P3AS17R259050DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260321
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: P3AS17R259050DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

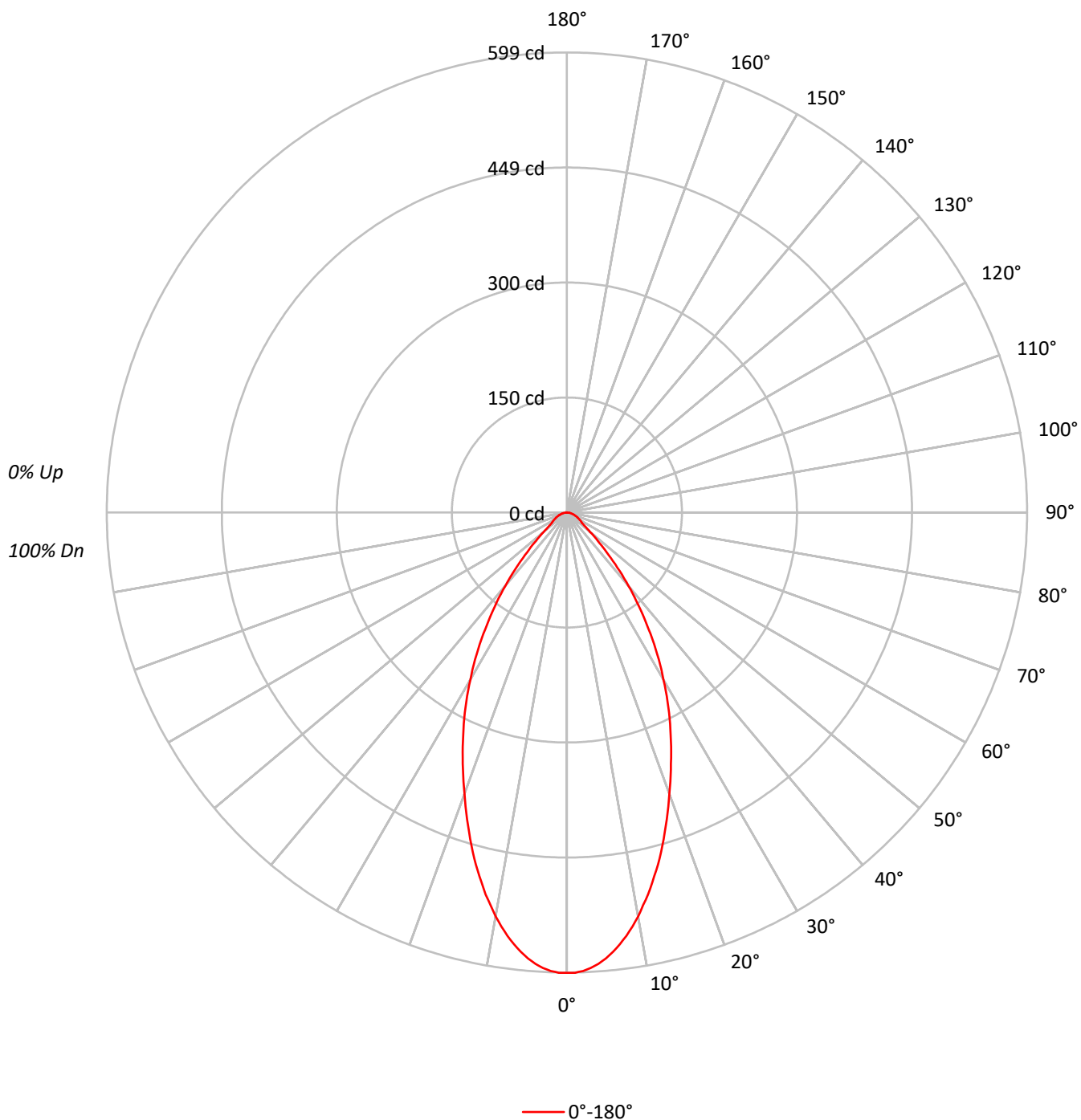
Lumens per Lamp: N/A
Luminaire Lumens: 553.0 lumens
Efficiency: N/A
Efficacy: 26.1 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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

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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°	131437
5°	128285
10°	118880
15°	105880
20°	90985
25°	77351
30°	63681
35°	49603
40°	35695
45°	22638
50°	13407
55°	9214
60°	8464
65°	7887
70°	7052
75°	6439
80°	6061
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 22638 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.0	9.8
10°-20°	129.5	23.4
20°-30°	146.3	26.5
30°-40°	115.7	20.9
40°-50°	58.4	10.6
50°-60°	23.4	4.2
60°-70°	15.0	2.7
70°-80°	8.3	1.5
80°-90°	2.3	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°	329.8	59.6
0°-40°	445.5	80.6
0°-60°	527.4	95.4
0°-90°	553.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	553.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	599	
5°	583	54
15°	466	129
25°	320	146
35°	185	116
45°	73	58
55°	24	23
65°	15	15
75°	8	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	599.4
1°	599.4
2°	597.3
3°	593.9
4°	589.0
5°	582.8
6°	575.2
7°	566.3
8°	556.6
9°	545.6
10°	533.9
11°	520.8
12°	508.4
13°	494.0
14°	480.2
15°	466.4
17.5°	427.8
20°	389.9
22.5°	354.1
25°	319.7
27.5°	285.9
30°	251.5
32.5°	219.1
35°	185.3
37.5°	154.3
40°	124.7
42.5°	97.1
45°	73.0
47.5°	54.4
50°	39.3
52.5°	29.6
55°	24.1
57.5°	22.0
60°	19.3
62.5°	17.2
65°	15.2
67.5°	13.1
70°	11.0
72.5°	9.6
75°	7.6
77.5°	6.2
80°	4.8
82.5°	3.4
85°	2.1
87.5°	0.7



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)