

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: P1252830

Luminaire Tested: P3AS20R559030D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252830
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R559030D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

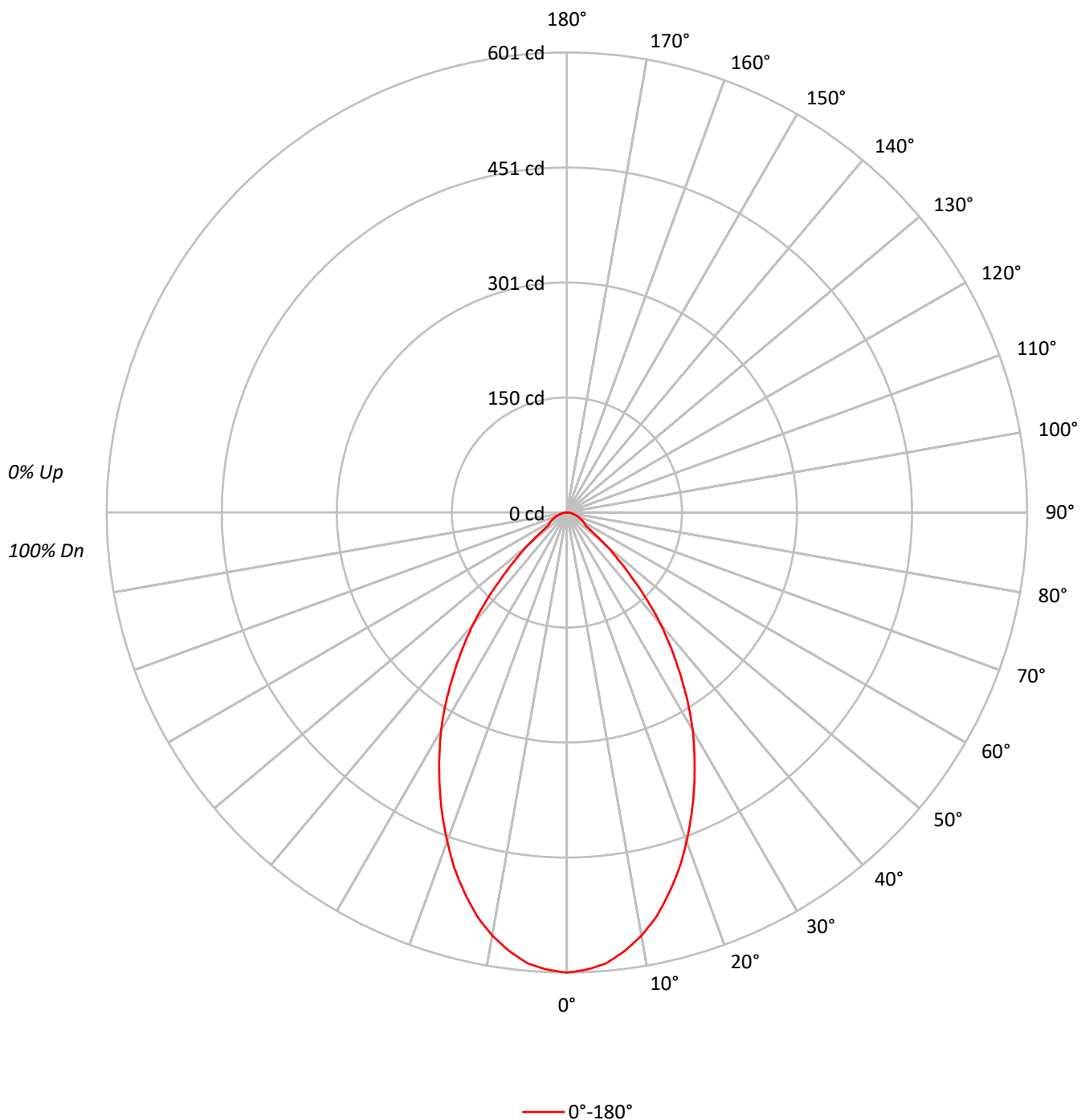
Lumens per Lamp: N/A
Luminaire Lumens: 701.0 lumens
Efficiency: N/A
Efficacy: 24.3 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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				0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		0
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		100
1	112	109	106	103	110	107	104	102	103	100	98		99	97	95		91
2	105	100	95	91	103	98	93	90	94	91	88		91	88	86		82
3	99	91	85	81	97	90	84	80	87	82	79		85	81	77		74
4	93	84	77	72	91	83	77	72	80	75	71		78	74	70		68
5	87	77	71	66	85	76	70	65	75	69	65		73	68	64		62
6	82	72	65	60	80	71	64	60	69	64	59		68	63	59		57
7	77	67	60	55	76	66	59	55	65	59	54		63	58	54		52
8	73	62	55	51	72	62	55	51	60	55	50		59	54	50		48
9	69	58	51	47	68	58	51	47	57	51	47		56	50	46		45
10	65	55	48	44	64	54	48	44	53	47	43		52	47	43		42

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	131810
5°	130112
10°	124981
15°	116913
20°	106643
25°	95159
30°	83228
35°	69145
40°	54502
45°	36965
50°	22583
55°	11699
60°	10876
65°	10325
70°	9553
75°	8388
80°	8334
85°	6290

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 36965 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.4	7.9
10°-20°	143.9	20.5
20°-30°	180.3	25.7
30°-40°	160.9	23.0
40°-50°	94.2	13.4
50°-60°	32.5	4.6
60°-70°	19.7	2.8
70°-80°	10.9	1.6
80°-90°	3.2	0.5
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°	379.6	54.2
0°-40°	540.5	77.1
0°-60°	667.2	95.2
0°-90°	701.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	701.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	601	
5°	591	55
15°	515	144
25°	393	180
35°	258	161
45°	119	94
55°	31	33
65°	20	20
75°	10	11
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	601.1
2.5°	597.8
5°	591.1
7.5°	577.9
10°	561.3
12.5°	540.6
15°	515.0
17.5°	487.7
20°	457.0
22.5°	425.6
25°	393.3
27.5°	361.0
30°	328.7
32.5°	293.9
35°	258.3
37.5°	223.5
40°	190.4
42.5°	154.8
45°	119.2
47.5°	91.1
50°	66.2
52.5°	43.1
55°	30.6
57.5°	27.3
60°	24.8
62.5°	22.4
65°	19.9
67.5°	17.4
70°	14.9
72.5°	12.4
75°	9.9
77.5°	8.3
80°	6.6
82.5°	4.1
85°	2.5
87.5°	1.7
90°	0.0

(END OF REPORT)