

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: P1276752

Luminaire Tested: P3AS20R259835D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276752
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: P3AS20R259835D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

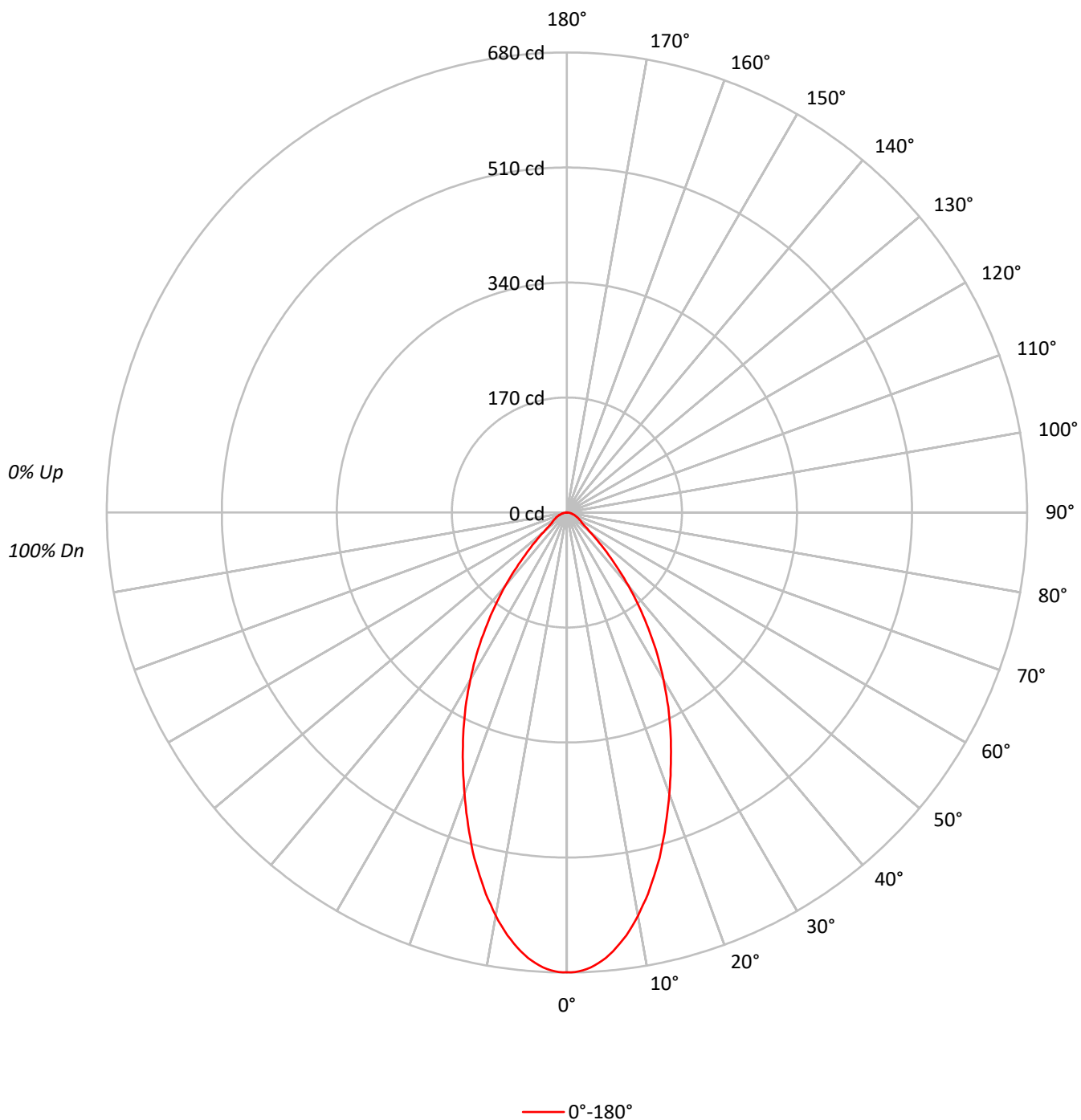
Lumens per Lamp: N/A
Luminaire Lumens: 627.0 lumens
Efficiency: N/A
Efficacy: 22.9 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.4
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°	149023
5°	145454
10°	134800
15°	120046
20°	103166
25°	87682
30°	72188
35°	56242
40°	40476
45°	25677
50°	15181
55°	10437
60°	9604
65°	8924
70°	8014
75°	7286
80°	6945
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 25677 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.3	9.8
10°-20°	146.8	23.4
20°-30°	165.9	26.5
30°-40°	131.2	20.9
40°-50°	66.3	10.6
50°-60°	26.5	4.2
60°-70°	17.0	2.7
70°-80°	9.4	1.5
80°-90°	2.7	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°	374.0	59.6
0°-40°	505.2	80.6
0°-60°	598.0	95.4
0°-90°	627.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	627.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	680	
5°	661	61
15°	529	147
25°	362	166
35°	210	131
45°	83	66
55°	27	27
65°	17	17
75°	9	9
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	679.6
1°	679.6
2°	677.2
3°	673.3
4°	667.8
5°	660.8
6°	652.2
7°	642.1
8°	631.1
9°	618.6
10°	605.4
11°	590.5
12°	576.5
13°	560.1
14°	544.4
15°	528.8
17.5°	485.1
20°	442.1
22.5°	401.5
25°	362.4
27.5°	324.2
30°	285.1
32.5°	248.4
35°	210.1
37.5°	175.0
40°	141.4
42.5°	110.1
45°	82.8
47.5°	61.7
50°	44.5
52.5°	33.6
55°	27.3
57.5°	25.0
60°	21.9
62.5°	19.5
65°	17.2
67.5°	14.8
70°	12.5
72.5°	10.9
75°	8.6
77.5°	7.0
80°	5.5
82.5°	3.9
85°	2.3
87.5°	0.8



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)