

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: P1274624

Luminaire Tested: P3AS20R159830D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274624
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R159830D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

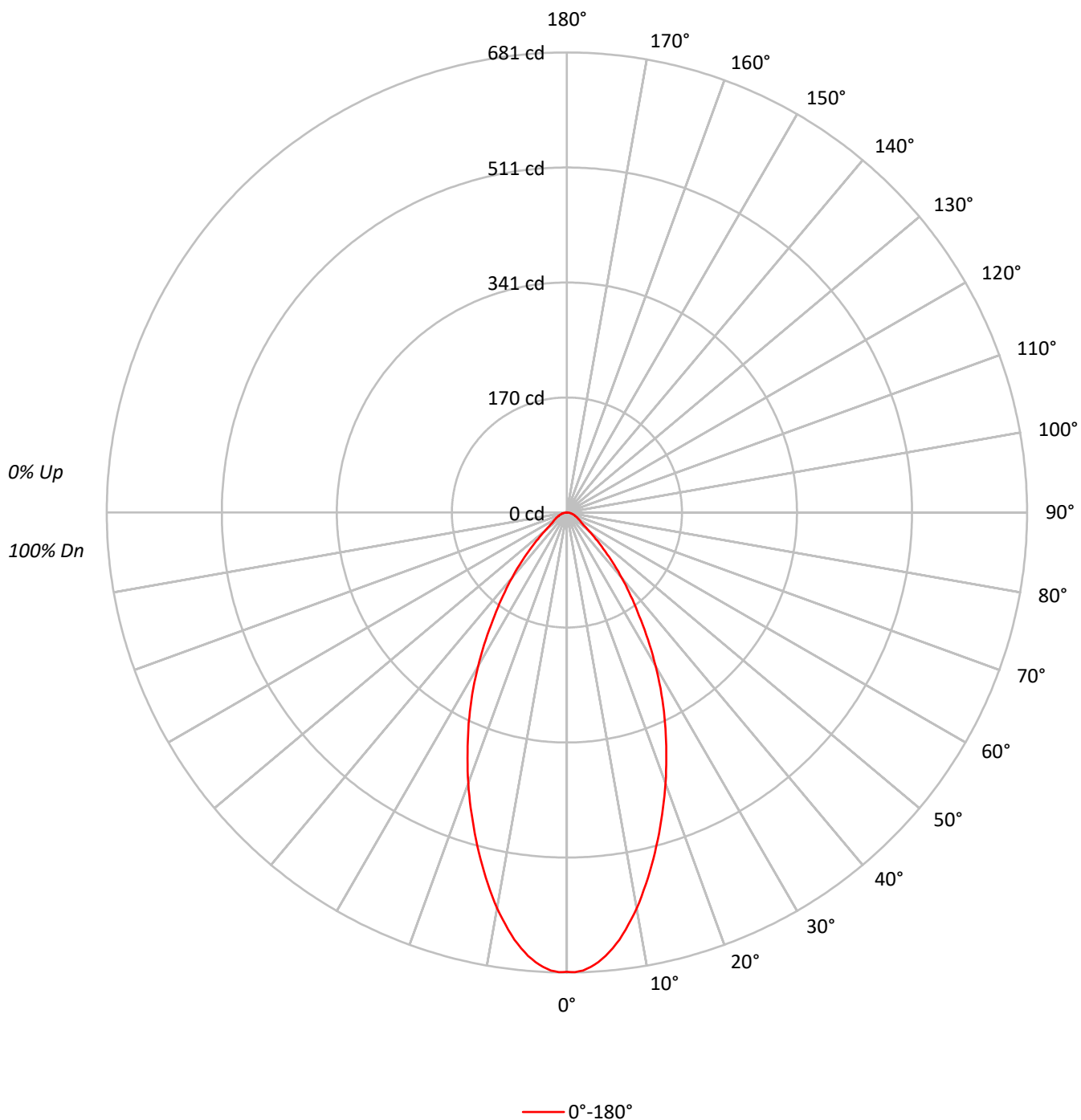
Lumens per Lamp: N/A
Luminaire Lumens: 590.9 lumens
Efficiency: N/A
Efficacy: 21.6 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	109	107	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	71	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	70	63	58	78	69	63	58	67	62	58		66	61	58		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	149067
5°	145036
10°	132529
15°	116096
20°	99595
25°	83158
30°	66542
35°	49898
40°	36211
45°	23692
50°	14805
55°	10016
60°	8859
65°	8146
70°	7694
75°	6947
80°	6566
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 23692 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.8	10.3
10°-20°	142.5	24.1
20°-30°	157.0	26.6
30°-40°	117.6	19.9
40°-50°	60.9	10.3
50°-60°	25.3	4.3
60°-70°	15.7	2.6
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°	360.3	61.0
0°-40°	477.8	80.9
0°-60°	564.0	95.4
0°-90°	590.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	590.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	680	
5°	659	61
15°	511	142
25°	344	157
35°	186	118
45°	76	61
55°	26	25
65°	16	16
75°	8	9
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	679.8
1°	680.6
2°	678.3
3°	673.8
4°	667.1
5°	658.9
6°	648.4
7°	637.1
8°	623.7
9°	609.4
10°	595.2
12.5°	554.0
15°	511.4
17.5°	468.7
20°	426.8
22.5°	384.1
25°	343.7
27.5°	303.2
30°	262.8
32.5°	223.1
35°	186.4
37.5°	155.0
40°	126.5
42.5°	100.3
45°	76.4
47.5°	57.7
50°	43.4
52.5°	32.2
55°	26.2
57.5°	23.2
60°	20.2
62.5°	18.0
65°	15.7
67.5°	13.5
70°	12.0
72.5°	9.7
75°	8.2
77.5°	6.7
80°	5.2
82.5°	3.7
85°	2.2
87.5°	0.7
90°	0.0

(END OF REPORT)