

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: P1272989

Luminaire Tested: P3A02R309830DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272989
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R309830DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

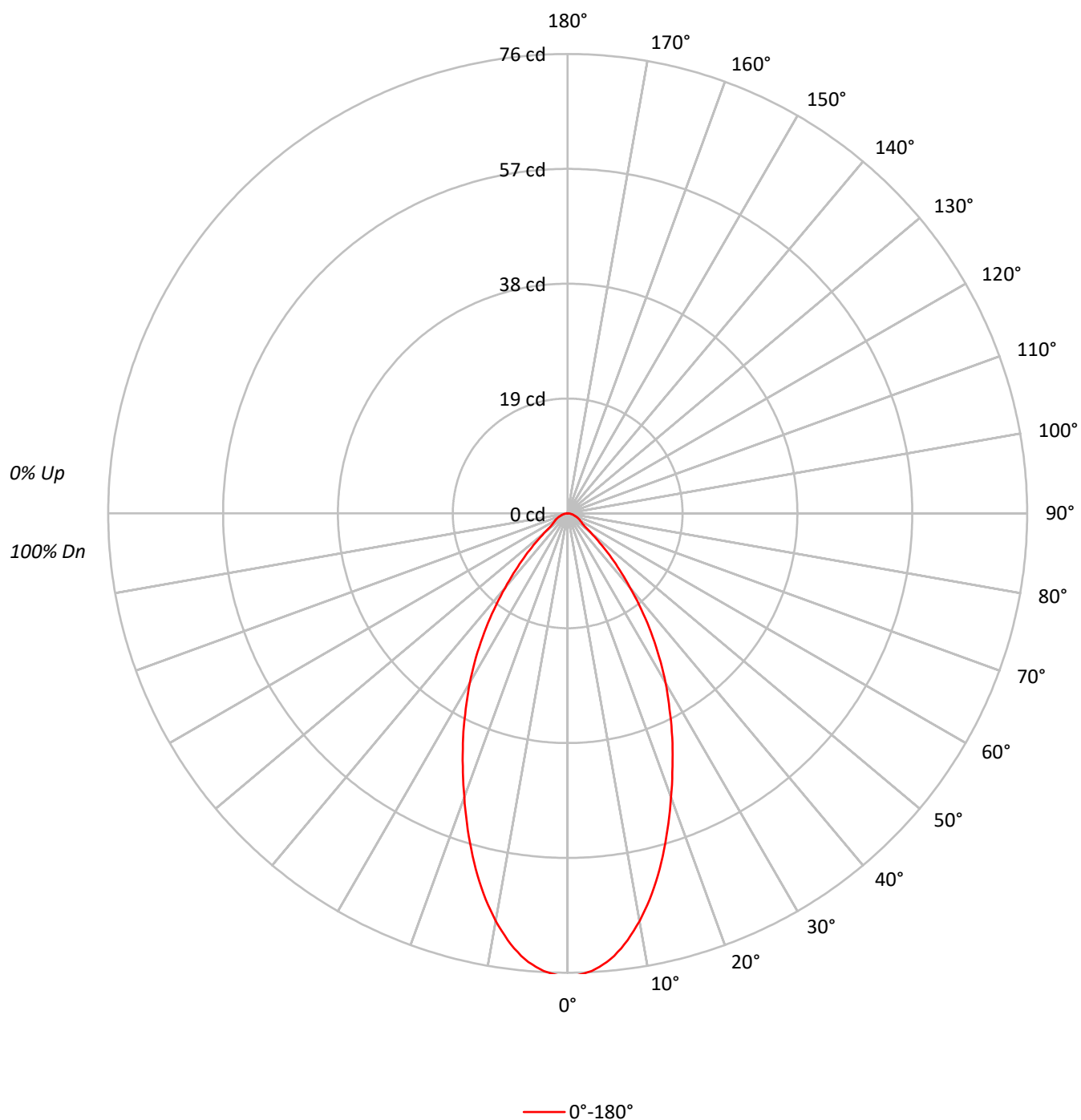
Lumens per Lamp: N/A
Luminaire Lumens: 71.0 lumens
Efficiency: N/A
Efficacy: 19.7 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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°	16775
5°	16399
10°	15252
15°	13576
20°	11668
25°	9896
30°	8204
35°	6425
40°	4609
45°	3039
50°	1740
55°	1147
60°	1053
65°	986
70°	898
75°	847
80°	758
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3039 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.9	9.7
10°-20°	16.6	23.4
20°-30°	18.7	26.4
30°-40°	14.9	21.0
40°-50°	7.7	10.8
50°-60°	2.9	4.1
60°-70°	1.9	2.7
70°-80°	1.0	1.4
80°-90°	0.3	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°	42.3	59.5
0°-40°	57.2	80.5
0°-60°	67.8	95.4
0°-90°	71.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	71.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	76	
5°	74	7
15°	60	17
25°	41	19
35°	24	15
45°	10	8
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	76.5
1°	76.5
2°	76.2
3°	75.8
4°	75.2
5°	74.5
6°	73.6
7°	72.5
8°	71.3
9°	69.9
10°	68.5
11°	66.9
12°	65.3
13°	63.5
14°	61.7
15°	59.8
17.5°	54.9
20°	50.0
22.5°	45.3
25°	40.9
27.5°	36.5
30°	32.4
32.5°	28.2
35°	24.0
37.5°	20.0
40°	16.1
42.5°	12.7
45°	9.8
47.5°	7.2
50°	5.1
52.5°	3.6
55°	3.0
57.5°	2.7
60°	2.4
62.5°	2.2
65°	1.9
67.5°	1.7
70°	1.4
72.5°	1.1
75°	1.0
77.5°	0.8
80°	0.6
82.5°	0.4
85°	0.3
87.5°	0.1



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)