

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: P1245695

Luminaire Tested: P3A02R309024DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1245695
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: P3A02R309024DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 2400K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

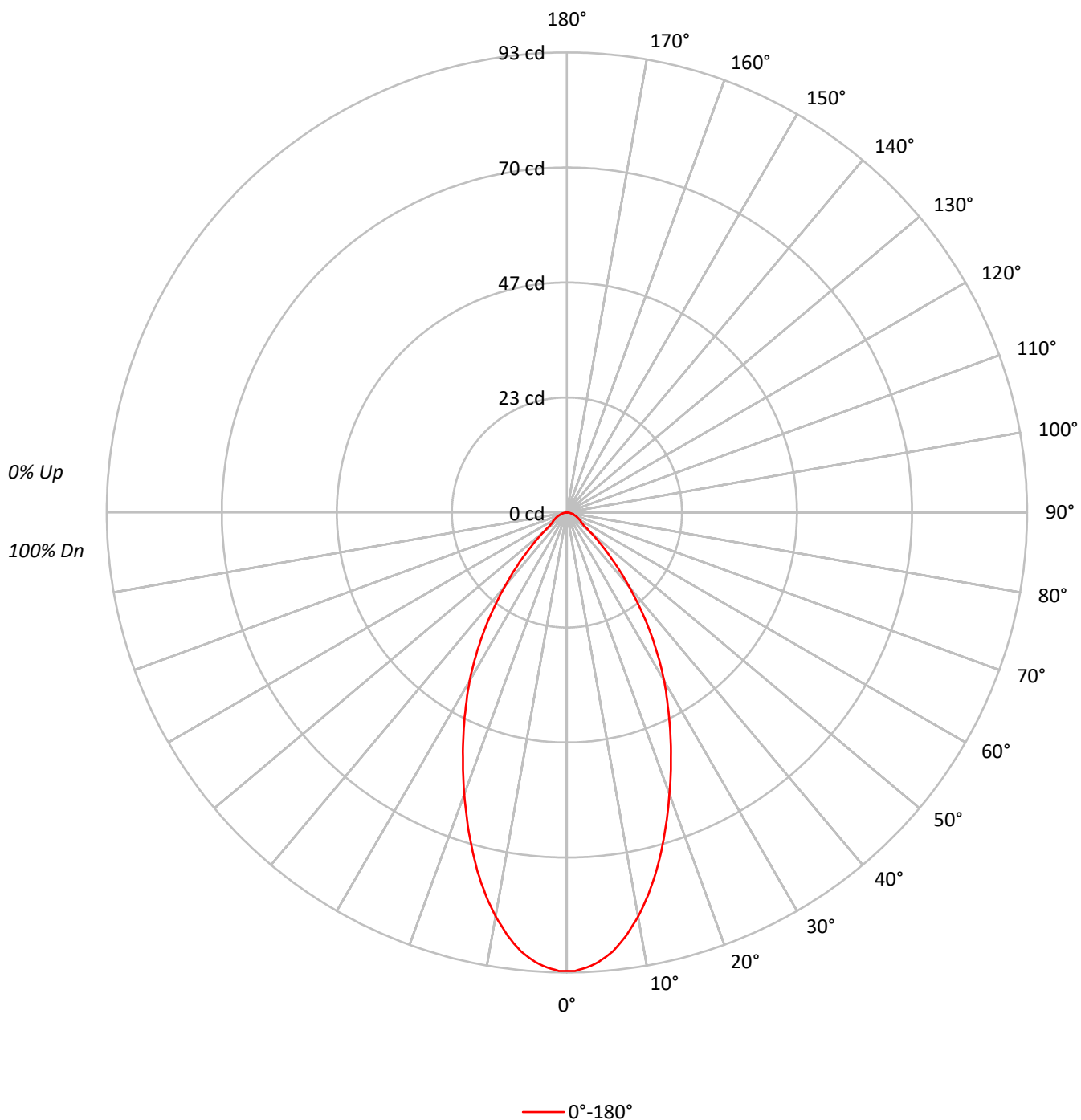
Lumens per Lamp: N/A
Luminaire Lumens: 86.0 lumens
Efficiency: N/A
Efficacy: 23.9 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	113	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		84
4	94	86	79	75	92	84	79	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	77	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°	20327
5°	19855
10°	18459
15°	16436
20°	14141
25°	11976
30°	9951
35°	7790
40°	5582
45°	3659
50°	2081
55°	1376
60°	1316
65°	1193
70°	1090
75°	1017
80°	884
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3659 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.4	9.7
10°-20°	20.1	23.4
20°-30°	22.7	26.4
30°-40°	18.1	21.1
40°-50°	9.3	10.8
50°-60°	3.5	4.1
60°-70°	2.3	2.7
70°-80°	1.2	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°	51.2	59.5
0°-40°	69.3	80.6
0°-60°	82.1	95.5
0°-90°	86.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	86.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	93	
5°	90	8
15°	72	20
25°	50	23
35°	29	18
45°	12	9
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	92.7
1°	92.7
2°	92.3
3°	91.8
4°	91.1
5°	90.2
6°	89.2
7°	87.8
8°	86.3
9°	84.6
10°	82.9
11°	81.0
12°	79.0
13°	76.9
14°	74.7
15°	72.4
17.5°	66.5
20°	60.6
22.5°	54.9
25°	49.5
27.5°	44.2
30°	39.3
32.5°	34.2
35°	29.1
37.5°	24.2
40°	19.5
42.5°	15.4
45°	11.8
47.5°	8.8
50°	6.1
52.5°	4.3
55°	3.6
57.5°	3.3
60°	3.0
62.5°	2.6
65°	2.3
67.5°	2.0
70°	1.7
72.5°	1.4
75°	1.2
77.5°	0.9
80°	0.7
82.5°	0.5
85°	0.3
87.5°	0.1



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)