

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: P1268592

Luminaire Tested: P3AS02R259740DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268592
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: P3AS02R259740DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

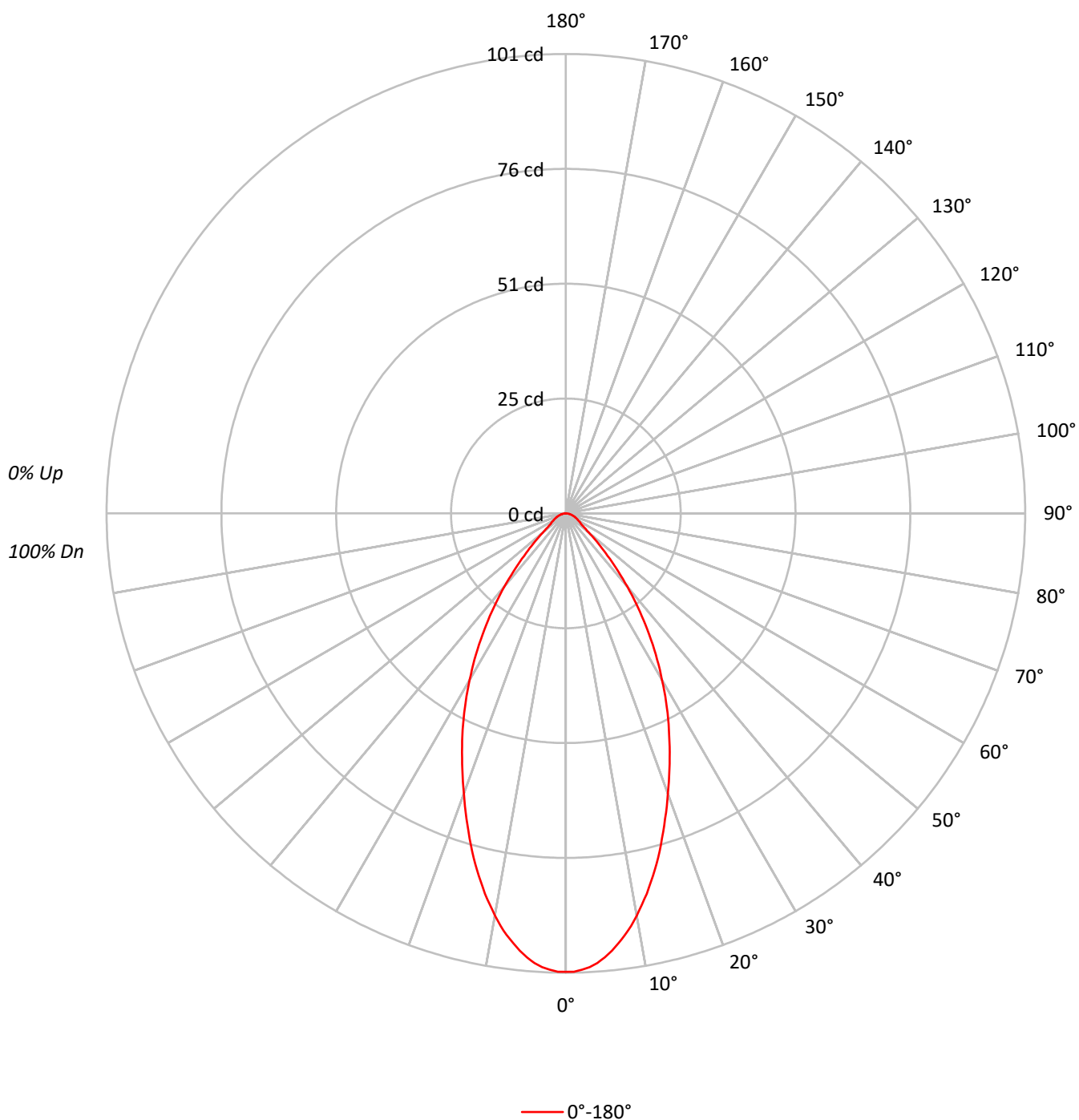
Lumens per Lamp: N/A
Luminaire Lumens: 93.0 lumens
Efficiency: N/A
Efficacy: 25.8 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	22103
5°	21572
10°	19995
15°	17798
20°	15308
25°	13017
30°	10711
35°	8352
40°	6011
45°	3814
50°	2252
55°	1567
60°	1403
65°	1297
70°	1218
75°	1101
80°	1010
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3814 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.1	9.8
10°-20°	21.8	23.4
20°-30°	24.6	26.5
30°-40°	19.5	20.9
40°-50°	9.8	10.6
50°-60°	3.9	4.2
60°-70°	2.5	2.7
70°-80°	1.4	1.5
80°-90°	0.4	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°	55.5	59.7
0°-40°	75.0	80.6
0°-60°	88.7	95.4
0°-90°	93.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	93.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	101	
5°	98	9
15°	78	22
25°	54	25
35°	31	19
45°	12	10
55°	4	4
65°	2	3
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	100.8
1°	100.8
2°	100.4
3°	99.9
4°	99.1
5°	98.0
6°	96.7
7°	95.2
8°	93.6
9°	91.8
10°	89.8
11°	87.6
12°	85.5
13°	83.1
14°	80.8
15°	78.4
17.5°	71.9
20°	65.6
22.5°	59.6
25°	53.8
27.5°	48.1
30°	42.3
32.5°	36.8
35°	31.2
37.5°	26.0
40°	21.0
42.5°	16.3
45°	12.3
47.5°	9.2
50°	6.6
52.5°	5.0
55°	4.1
57.5°	3.7
60°	3.2
62.5°	2.9
65°	2.5
67.5°	2.2
70°	1.9
72.5°	1.6
75°	1.3
77.5°	1.0
80°	0.8
82.5°	0.6
85°	0.3
87.5°	0.1



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)