

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: P1248039

Luminaire Tested: P3AS02R259027DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248039
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: P3AS02R259027DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

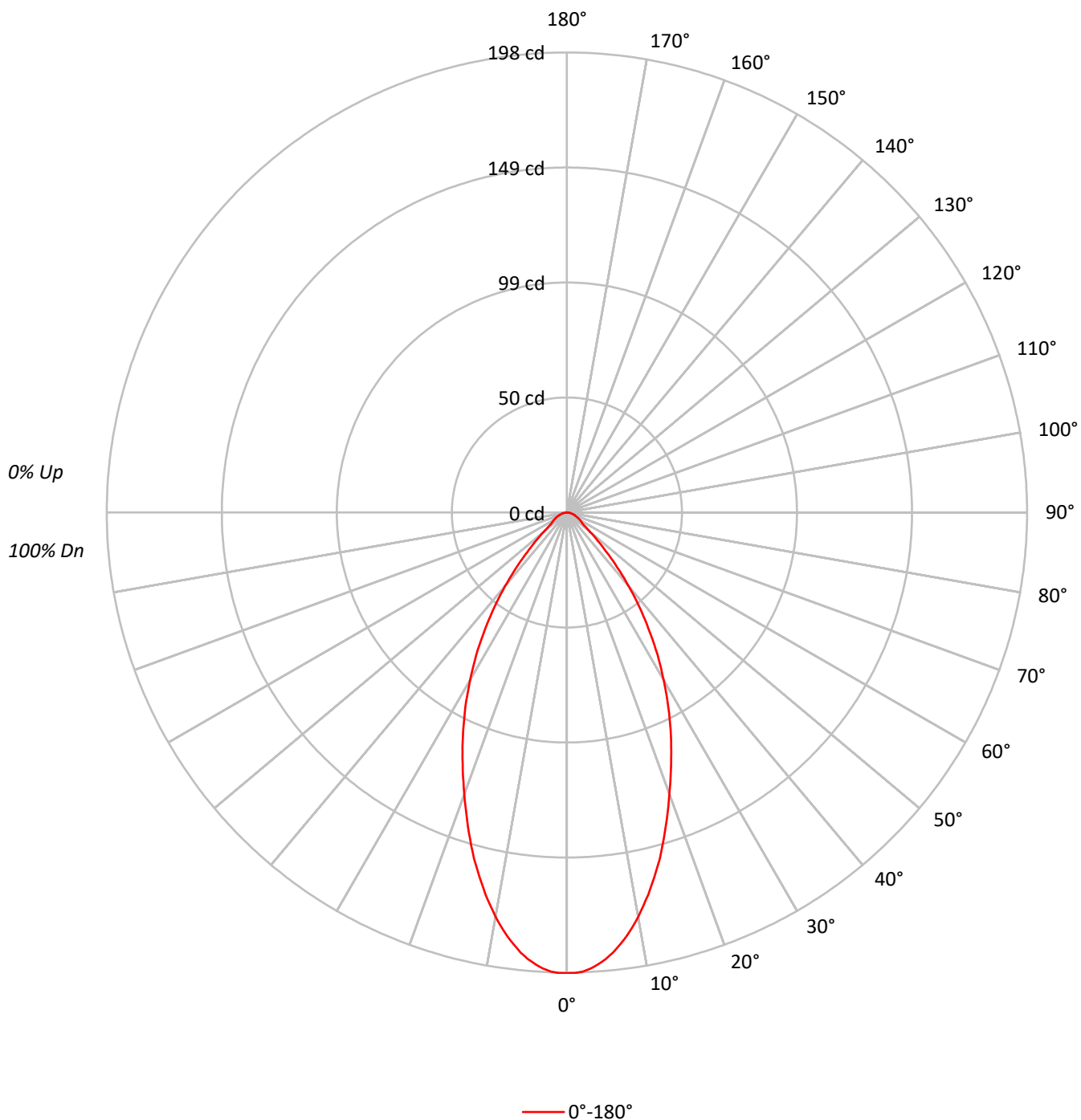
Lumens per Lamp: N/A
Luminaire Lumens: 183.0 lumens
Efficiency: N/A
Efficacy: 50.8 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	43483
5°	42461
10°	39345
15°	35029
20°	30103
25°	25598
30°	21067
35°	16410
40°	11822
45°	7505
50°	4435
55°	3058
60°	2807
65°	2594
70°	2308
75°	2118
80°	2020
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7505 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.9	9.8
10°-20°	42.8	23.4
20°-30°	48.4	26.5
30°-40°	38.3	20.9
40°-50°	19.3	10.6
50°-60°	7.8	4.2
60°-70°	4.9	2.7
70°-80°	2.7	1.5
80°-90°	0.8	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°	109.1	59.6
0°-40°	147.4	80.6
0°-60°	174.5	95.4
0°-90°	183.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	183.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	198	
5°	193	18
15°	154	43
25°	106	48
35°	61	38
45°	24	19
55°	8	8
65°	5	5
75°	2	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	198.3
1°	198.3
2°	197.7
3°	196.5
4°	194.9
5°	192.9
6°	190.4
7°	187.4
8°	184.2
9°	180.6
10°	176.7
11°	172.4
12°	168.2
13°	163.5
14°	158.9
15°	154.3
17.5°	141.6
20°	129.0
22.5°	117.2
25°	105.8
27.5°	94.6
30°	83.2
32.5°	72.5
35°	61.3
37.5°	51.1
40°	41.3
42.5°	32.1
45°	24.2
47.5°	18.0
50°	13.0
52.5°	9.8
55°	8.0
57.5°	7.3
60°	6.4
62.5°	5.7
65°	5.0
67.5°	4.3
70°	3.6
72.5°	3.2
75°	2.5
77.5°	2.1
80°	1.6
82.5°	1.1
85°	0.7
87.5°	0.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)