

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: P1273992

Luminaire Tested: P3A13R259830DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273992
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: P3A13R259830DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

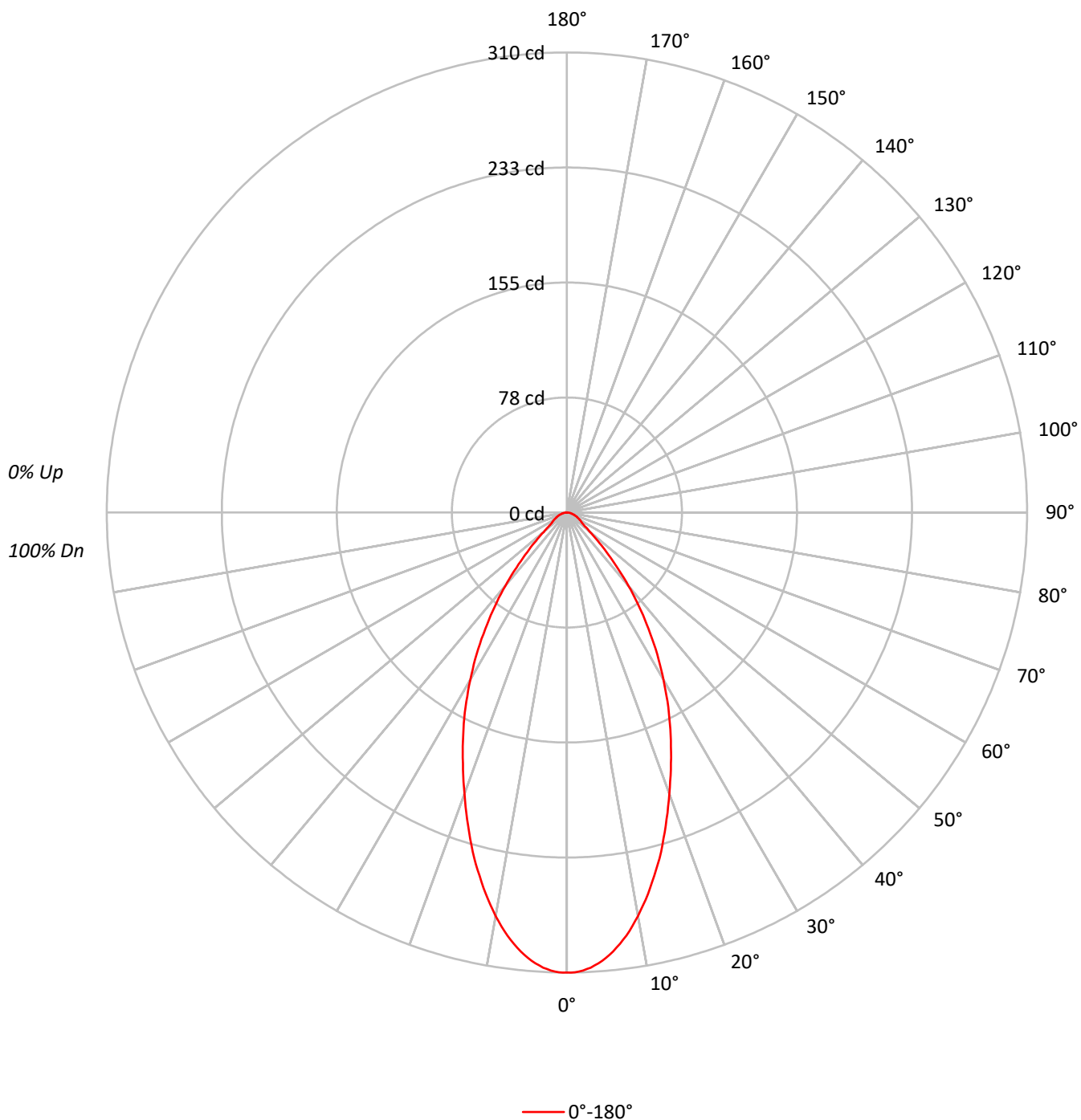
Lumens per Lamp: N/A
Luminaire Lumens: 286.0 lumens
Efficiency: N/A
Efficacy: 19.7 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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°	67977
5°	66344
10°	61477
15°	54756
20°	47067
25°	39994
30°	32916
35°	25645
40°	18463
45°	11722
50°	6925
55°	4779
60°	4386
65°	4047
70°	3654
75°	3304
80°	3157
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11722 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.0	9.8
10°-20°	67.0	23.4
20°-30°	75.7	26.5
30°-40°	59.8	20.9
40°-50°	30.2	10.6
50°-60°	12.1	4.2
60°-70°	7.8	2.7
70°-80°	4.3	1.5
80°-90°	1.2	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°	170.6	59.6
0°-40°	230.4	80.6
0°-60°	272.7	95.4
0°-90°	286.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	286.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	310	
5°	301	28
15°	241	67
25°	165	76
35°	96	60
45°	38	30
55°	12	12
65°	8	8
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	310.0
1°	310.0
2°	308.9
3°	307.1
4°	304.6
5°	301.4
6°	297.5
7°	292.9
8°	287.9
9°	282.2
10°	276.1
11°	269.4
12°	262.9
13°	255.5
14°	248.3
15°	241.2
17.5°	221.3
20°	201.7
22.5°	183.1
25°	165.3
27.5°	147.9
30°	130.0
32.5°	113.3
35°	95.8
37.5°	79.8
40°	64.5
42.5°	50.2
45°	37.8
47.5°	28.1
50°	20.3
52.5°	15.3
55°	12.5
57.5°	11.4
60°	10.0
62.5°	8.9
65°	7.8
67.5°	6.8
70°	5.7
72.5°	5.0
75°	3.9
77.5°	3.2
80°	2.5
82.5°	1.8
85°	1.1
87.5°	0.4



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)