

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: P1263060

Luminaire Tested: P3A17R359727DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263060
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R359727DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

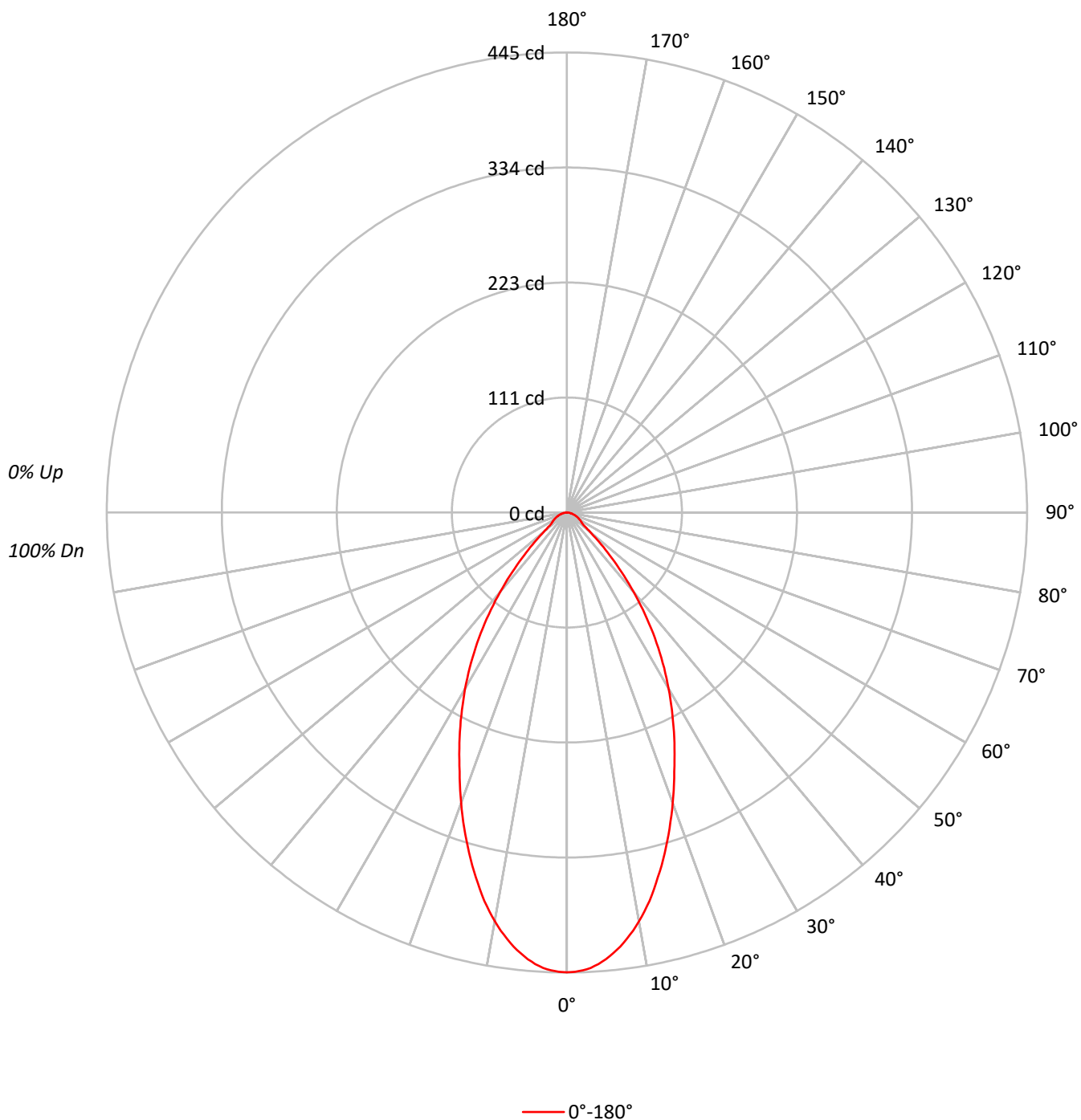
Lumens per Lamp: N/A
Luminaire Lumens: 427.0 lumens
Efficiency: N/A
Efficacy: 20.1 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	97536
5°	95465
10°	89399
15°	80250
20°	69819
25°	59495
30°	49830
35°	39699
40°	28711
45°	18172
50°	9893
55°	6843
60°	6491
65°	6019
70°	5770
75°	4914
80°	4672
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18172 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.4	9.5
10°-20°	98.4	23.0
20°-30°	112.7	26.4
30°-40°	92.0	21.5
40°-50°	46.4	10.9
50°-60°	17.2	4.0
60°-70°	11.6	2.7
70°-80°	6.4	1.5
80°-90°	1.9	0.5
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°	251.5	58.9
0°-40°	343.5	80.4
0°-60°	407.1	95.3
0°-90°	427.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	427.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	445	
5°	434	40
15°	354	98
25°	246	113
35°	148	92
45°	59	46
55°	18	17
65°	12	12
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	444.8
1°	444.3
2°	443.2
3°	441.1
4°	438.0
5°	433.7
6°	428.5
7°	423.2
8°	416.3
9°	409.5
10°	401.5
11°	393.1
12°	384.1
13°	374.1
14°	363.6
15°	353.5
17.5°	326.6
20°	299.2
22.5°	271.2
25°	245.9
27.5°	221.1
30°	196.8
32.5°	172.5
35°	148.3
37.5°	124.0
40°	100.3
42.5°	78.1
45°	58.6
47.5°	42.2
50°	29.0
52.5°	21.1
55°	17.9
57.5°	16.4
60°	14.8
62.5°	13.2
65°	11.6
67.5°	10.0
70°	9.0
72.5°	7.4
75°	5.8
77.5°	4.7
80°	3.7
82.5°	2.6
85°	1.6
87.5°	1.1



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)