

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: P1262304

Luminaire Tested: P3AS09R359727DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262304
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: P3AS09R359727DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

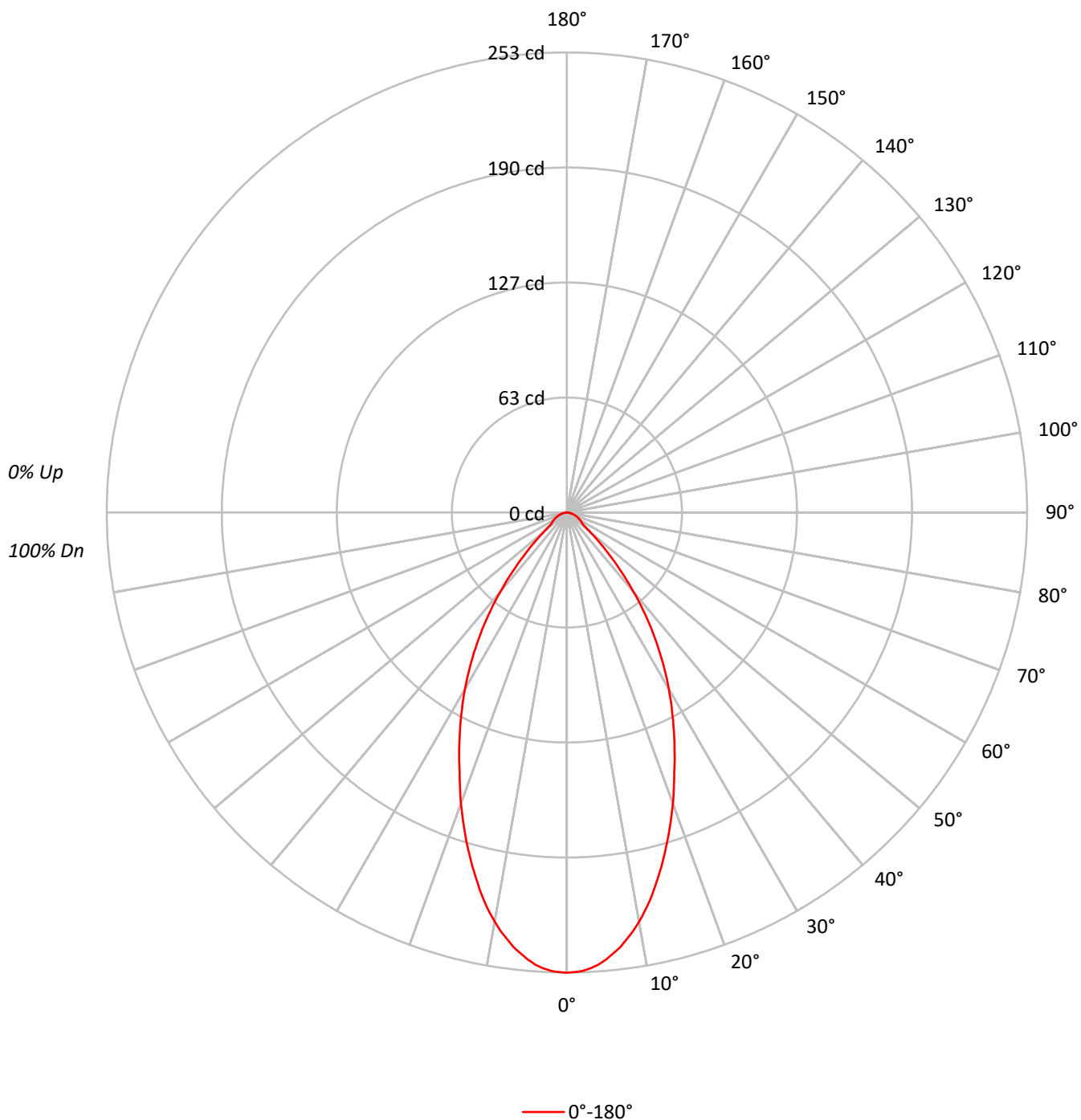
Lumens per Lamp: N/A
Luminaire Lumens: 243.0 lumens
Efficiency: N/A
Efficacy: 21.9 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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°	55500
5°	54325
10°	50879
15°	45676
20°	39740
25°	33849
30°	28359
35°	22593
40°	16345
45°	10327
50°	5629
55°	3900
60°	3684
65°	3424
70°	3270
75°	2796
80°	2652
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10327 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.0	9.5
10°-20°	56.0	23.0
20°-30°	64.2	26.4
30°-40°	52.4	21.6
40°-50°	26.4	10.9
50°-60°	9.8	4.0
60°-70°	6.6	2.7
70°-80°	3.6	1.5
80°-90°	1.1	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°	143.1	58.9
0°-40°	195.5	80.5
0°-60°	231.7	95.3
0°-90°	243.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	243.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	253	
5°	247	23
15°	201	56
25°	140	64
35°	84	52
45°	33	26
55°	10	10
65°	7	7
75°	3	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	253.1
1°	252.8
2°	252.2
3°	251.0
4°	249.2
5°	246.8
6°	243.8
7°	240.8
8°	236.9
9°	233.0
10°	228.5
11°	223.7
12°	218.6
13°	212.9
14°	206.9
15°	201.2
17.5°	185.9
20°	170.3
22.5°	154.3
25°	139.9
27.5°	125.8
30°	112.0
32.5°	98.2
35°	84.4
37.5°	70.6
40°	57.1
42.5°	44.4
45°	33.3
47.5°	24.0
50°	16.5
52.5°	12.0
55°	10.2
57.5°	9.3
60°	8.4
62.5°	7.5
65°	6.6
67.5°	5.7
70°	5.1
72.5°	4.2
75°	3.3
77.5°	2.7
80°	2.1
82.5°	1.5
85°	0.9
87.5°	0.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)