

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: P1254234

Luminaire Tested: P3AS09R259035DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254234
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: P3AS09R259035DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

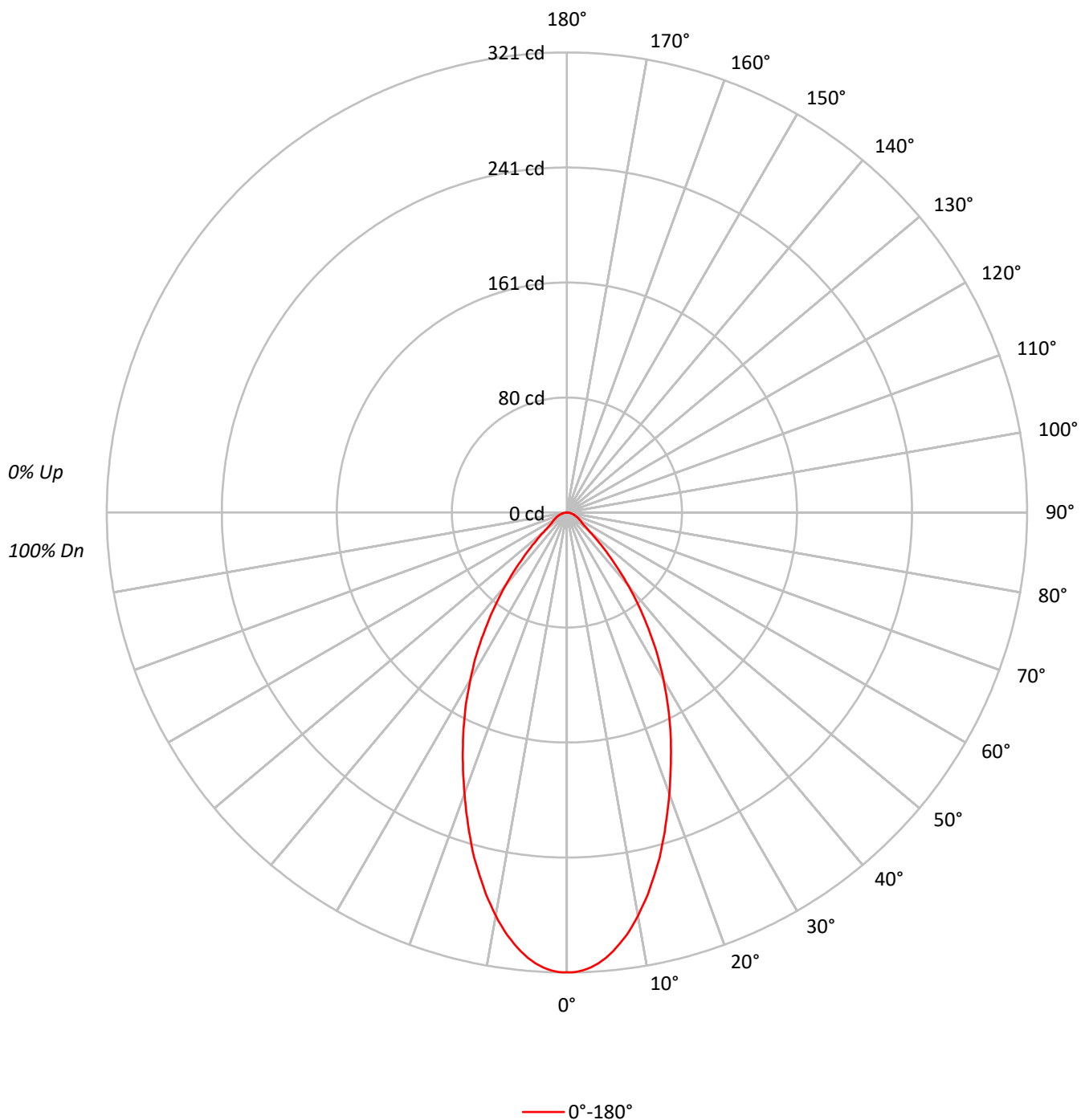
Lumens per Lamp: N/A
Luminaire Lumens: 296.0 lumens
Efficiency: N/A
Efficacy: 26.7 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	70345
5°	68677
10°	63637
15°	56663
20°	48701
25°	41398
30°	34081
35°	26555
40°	19093
45°	12125
50°	7164
55°	4932
60°	4517
65°	4203
70°	3783
75°	3474
80°	3283
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12125 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.9	9.8
10°-20°	69.3	23.4
20°-30°	78.3	26.5
30°-40°	61.9	20.9
40°-50°	31.3	10.6
50°-60°	12.5	4.2
60°-70°	8.0	2.7
70°-80°	4.4	1.5
80°-90°	1.3	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°	176.5	59.6
0°-40°	238.5	80.6
0°-60°	282.3	95.4
0°-90°	296.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	296.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	321	
5°	312	29
15°	250	69
25°	171	78
35°	99	62
45°	39	31
55°	13	13
65°	8	8
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	320.8
1°	320.8
2°	319.7
3°	317.9
4°	315.3
5°	312.0
6°	307.9
7°	303.1
8°	298.0
9°	292.1
10°	285.8
11°	278.8
12°	272.1
13°	264.4
14°	257.0
15°	249.6
17.5°	229.0
20°	208.7
22.5°	189.5
25°	171.1
27.5°	153.0
30°	134.6
32.5°	117.3
35°	99.2
37.5°	82.6
40°	66.7
42.5°	52.0
45°	39.1
47.5°	29.1
50°	21.0
52.5°	15.9
55°	12.9
57.5°	11.8
60°	10.3
62.5°	9.2
65°	8.1
67.5°	7.0
70°	5.9
72.5°	5.2
75°	4.1
77.5°	3.3
80°	2.6
82.5°	1.8
85°	1.1
87.5°	0.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)