

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: P1248820

Luminaire Tested: P3AS09R259027DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248820
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: P3AS09R259027DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

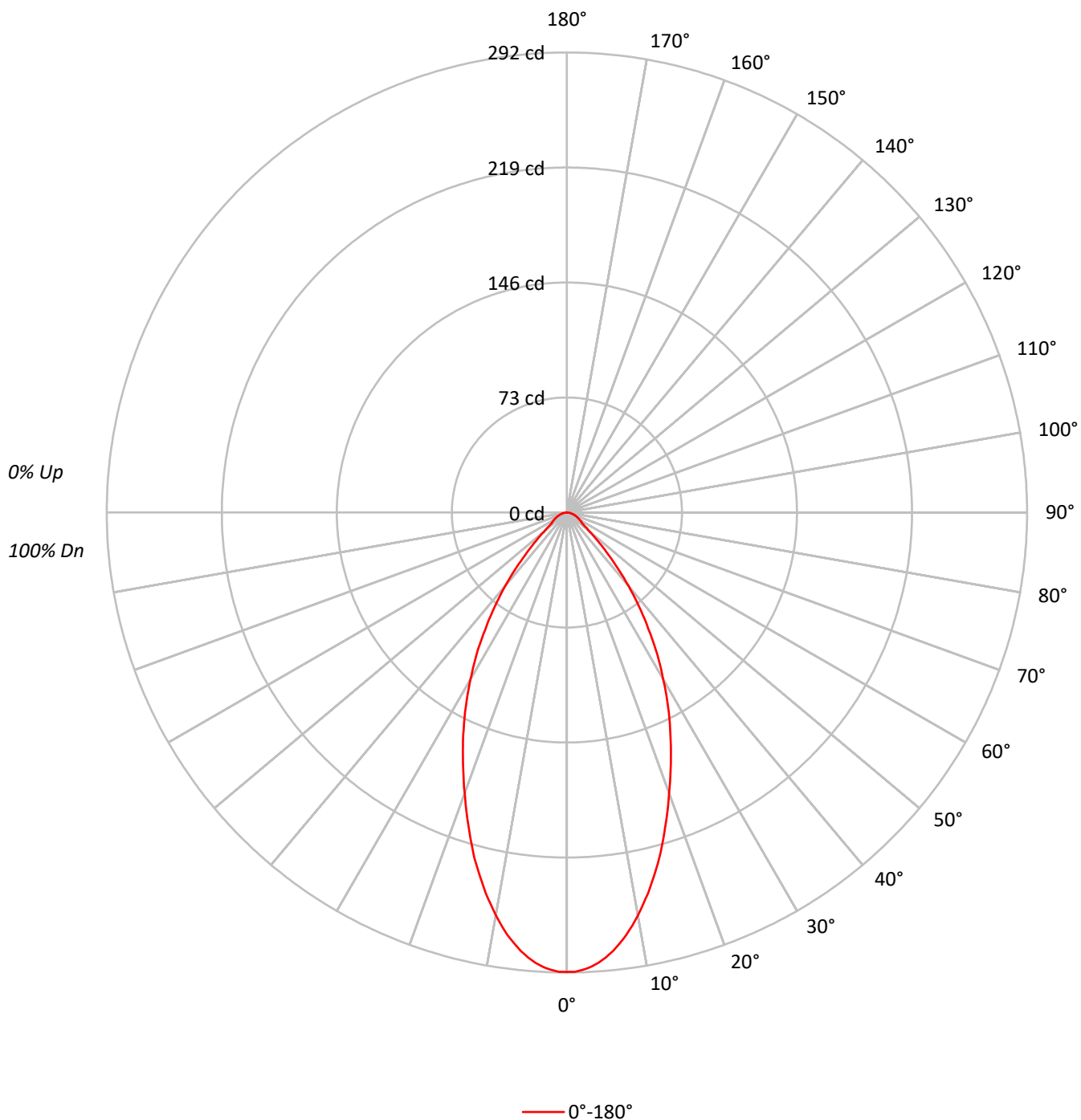
Lumens per Lamp: N/A
Luminaire Lumens: 269.0 lumens
Efficiency: N/A
Efficacy: 24.2 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	63942
5°	62404
10°	57826
15°	51510
20°	44267
25°	37623
30°	30967
35°	24119
40°	17375
45°	11009
50°	6516
55°	4473
60°	4122
65°	3840
70°	3462
75°	3135
80°	2904
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11009 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.3	9.8
10°-20°	63.0	23.4
20°-30°	71.2	26.5
30°-40°	56.3	20.9
40°-50°	28.4	10.6
50°-60°	11.4	4.2
60°-70°	7.3	2.7
70°-80°	4.0	1.5
80°-90°	1.1	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°	160.4	59.6
0°-40°	216.7	80.6
0°-60°	256.6	95.4
0°-90°	269.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	269.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	292	
5°	284	26
15°	227	63
25°	156	71
35°	90	56
45°	36	28
55°	12	11
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	291.6
1°	291.6
2°	290.5
3°	288.9
4°	286.5
5°	283.5
6°	279.8
7°	275.5
8°	270.8
9°	265.4
10°	259.7
11°	253.3
12°	247.3
13°	240.3
14°	233.6
15°	226.9
17.5°	208.1
20°	189.7
22.5°	172.3
25°	155.5
27.5°	139.1
30°	122.3
32.5°	106.6
35°	90.1
37.5°	75.1
40°	60.7
42.5°	47.3
45°	35.5
47.5°	26.5
50°	19.1
52.5°	14.4
55°	11.7
57.5°	10.7
60°	9.4
62.5°	8.4
65°	7.4
67.5°	6.4
70°	5.4
72.5°	4.7
75°	3.7
77.5°	3.0
80°	2.3
82.5°	1.7
85°	1.0
87.5°	0.3



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)