

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: P1262471

Luminaire Tested: P3AS09R659727DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262471
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R659727DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

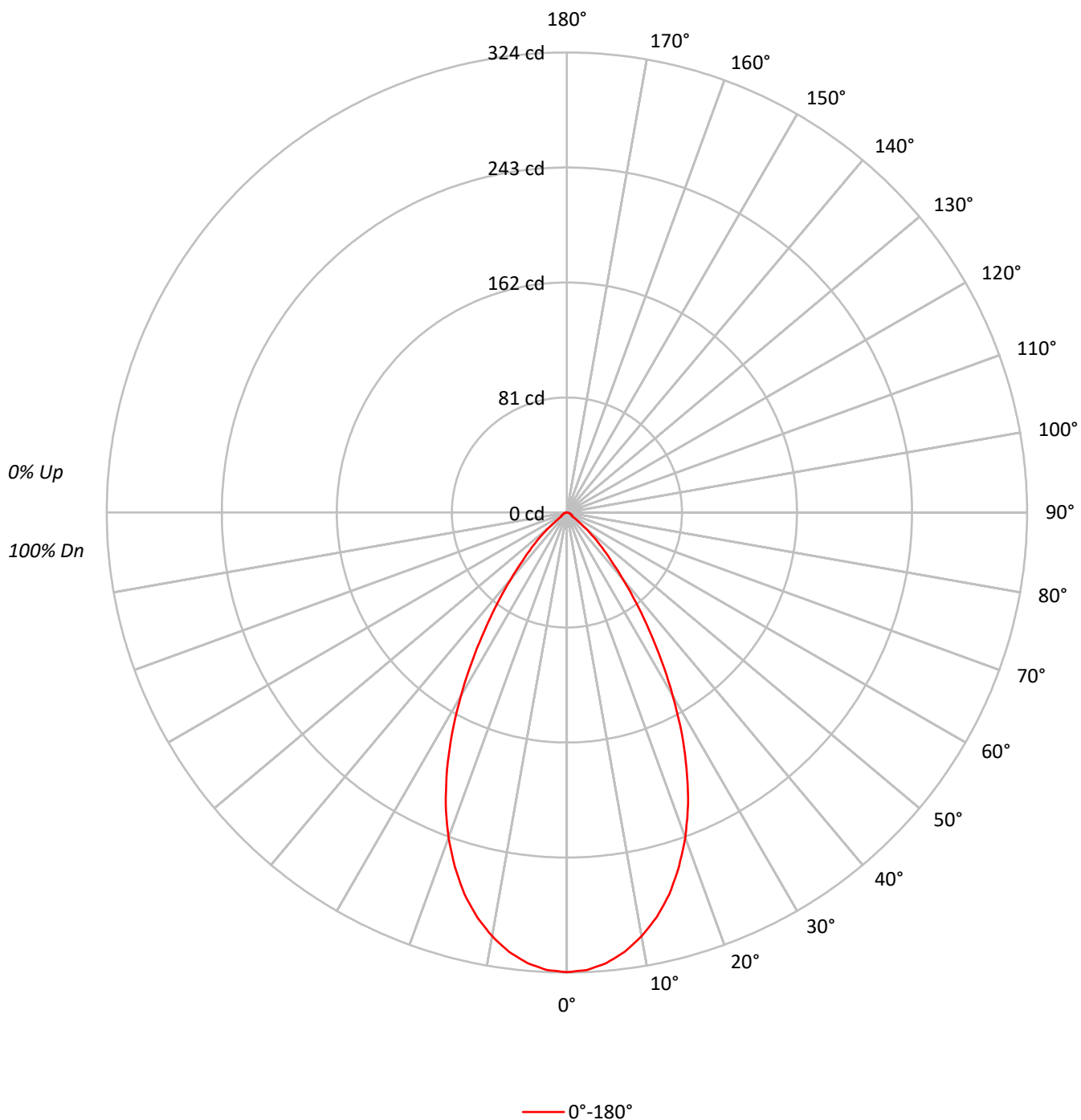
Lumens per Lamp: N/A
Luminaire Lumens: 301.0 lumens
Efficiency: N/A
Efficacy: 27.1 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		0
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		100
1	113	110	107	105	111	108	106	103	104	102	100		100	99	97		93
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		85
3	101	95	89	85	99	93	88	84	90	86	83		88	85	82		79
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		73
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		68
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		63
7	82	72	66	61	80	71	65	61	70	64	61		69	64	60		58
8	77	67	61	57	76	67	61	57	66	60	57		65	60	56		55
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		51
10	70	60	54	50	69	59	54	50	59	53	50		58	53	50		48

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	70981
5°	70130
10°	67467
15°	63201
20°	56845
25°	48269
30°	37753
35°	26903
40°	17604
45°	10885
50°	5526
55°	1950
60°	1710
65°	1712
70°	1539
75°	1525
80°	1515
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10885 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.9	9.9
10°-20°	77.5	25.7
20°-30°	90.6	30.1
30°-40°	63.3	21.0
40°-50°	27.9	9.3
50°-60°	6.2	2.1
60°-70°	3.2	1.0
70°-80°	1.9	0.6
80°-90°	0.7	0.2
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°	197.9	65.8
0°-40°	261.2	86.8
0°-60°	295.3	98.1
0°-90°	301.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	301.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	324	
5°	319	30
15°	278	77
25°	200	91
35°	100	63
45°	35	28
55°	5	6
65°	3	3
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	323.7
2.5°	322.5
5°	318.6
7.5°	312.0
10°	303.0
12.5°	291.9
15°	278.4
17.5°	261.9
20°	243.6
22.5°	222.9
25°	199.5
27.5°	174.9
30°	149.1
32.5°	124.2
35°	100.5
37.5°	79.8
40°	61.5
42.5°	46.5
45°	35.1
47.5°	25.8
50°	16.2
52.5°	8.4
55°	5.1
57.5°	4.5
60°	3.9
62.5°	3.6
65°	3.3
67.5°	2.7
70°	2.4
72.5°	2.1
75°	1.8
77.5°	1.5
80°	1.2
82.5°	0.9
85°	0.6
87.5°	0.3
90°	0.0

(END OF REPORT)