

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: P1248995

Luminaire Tested: P3AS09R559027DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248995
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R559027DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 2700K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

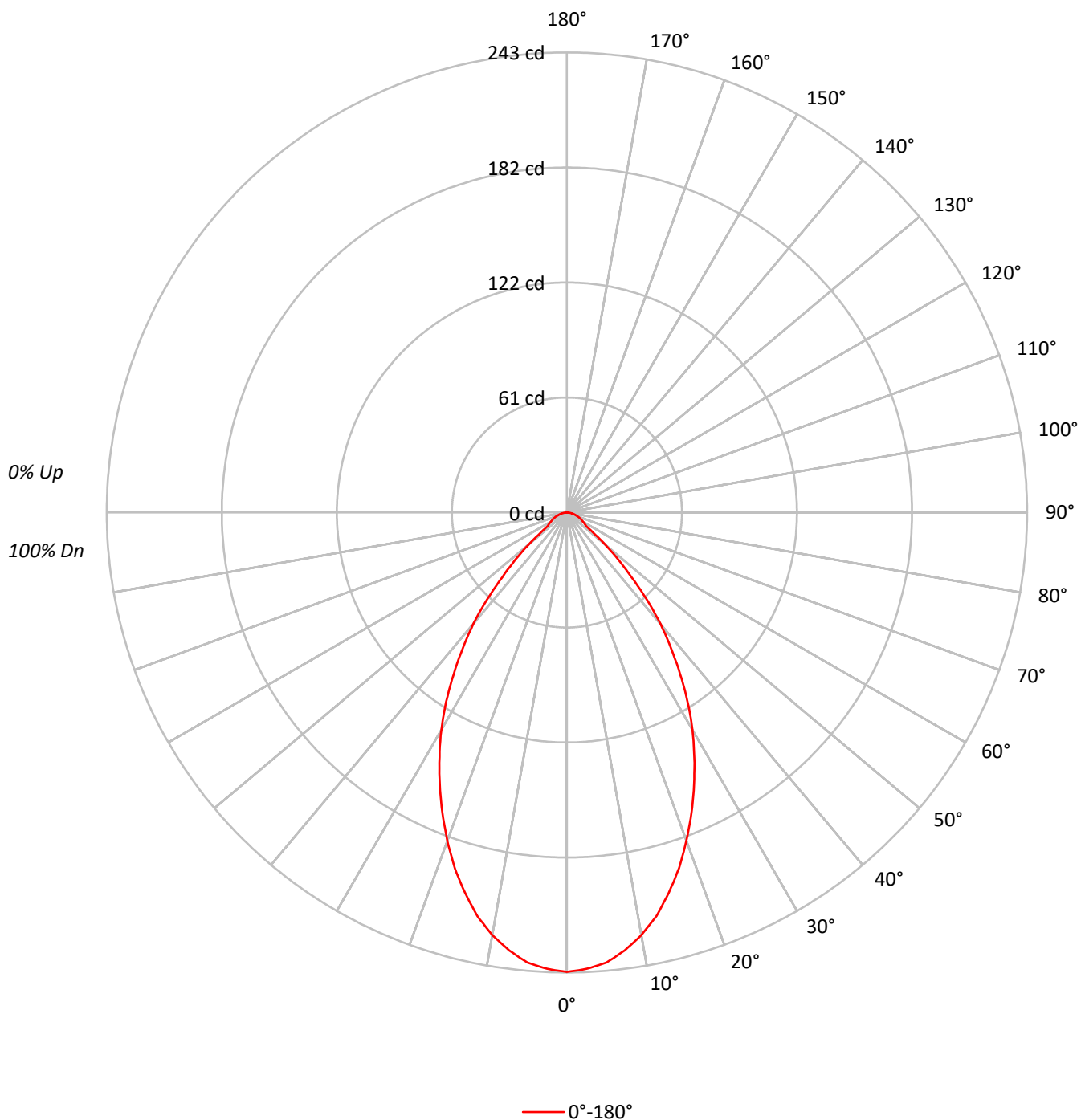
Lumens per Lamp: N/A
Luminaire Lumens: 283.0 lumens
Efficiency: N/A
Efficacy: 25.5 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1248995

CATALOG NUMBER: P3AS09R559027DE010 E3DLD1GPH

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	103	110	107	104	102	103	100	98		99	97	95		95
2	105	100	95	91	103	98	93	90	94	91	88		91	88	86		89
3	99	91	85	81	97	90	84	80	87	82	79		85	81	77		82
4	93	84	77	72	91	83	77	72	80	75	71		78	74	70		76
5	87	77	71	66	85	76	70	65	75	69	65		73	68	64		71
6	82	72	65	60	80	71	64	60	69	64	59		68	63	59		66
7	77	67	60	55	76	66	59	55	65	59	54		63	58	54		62
8	73	62	55	51	72	62	55	51	60	55	50		59	54	50		58
9	69	58	51	47	68	58	51	47	57	51	47		56	50	46		55
10	65	55	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	53219
5°	52542
10°	50456
15°	47197
20°	43054
25°	38422
30°	33600
35°	27920
40°	22013
45°	14916
50°	9108
55°	4741
60°	4386
65°	4151
70°	3847
75°	3389
80°	3410
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14916 cd/sqm

TEST NUMBER: P1248995

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.4	7.9
10°-20°	58.1	20.5
20°-30°	72.8	25.7
30°-40°	65.0	23.0
40°-50°	38.0	13.4
50°-60°	13.1	4.6
60°-70°	7.9	2.8
70°-80°	4.4	1.6
80°-90°	1.3	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°	153.3	54.2
0°-40°	218.2	77.1
0°-60°	269.4	95.2
0°-90°	283.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	283.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	243	
5°	239	22
15°	208	58
25°	159	73
35°	104	65
45°	48	38
55°	12	13
65°	8	8
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	242.7
2.5°	241.3
5°	238.7
7.5°	233.3
10°	226.6
12.5°	218.3
15°	207.9
17.5°	196.9
20°	184.5
22.5°	171.8
25°	158.8
27.5°	145.7
30°	132.7
32.5°	118.7
35°	104.3
37.5°	90.2
40°	76.9
42.5°	62.5
45°	48.1
47.5°	36.8
50°	26.7
52.5°	17.4
55°	12.4
57.5°	11.0
60°	10.0
62.5°	9.0
65°	8.0
67.5°	7.0
70°	6.0
72.5°	5.0
75°	4.0
77.5°	3.3
80°	2.7
82.5°	1.7
85°	1.0
87.5°	0.7
90°	0.0

(END OF REPORT)