

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: P1257116

Luminaire Tested: P3AS09R559040DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257116
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: P3AS09R559040DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 4000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

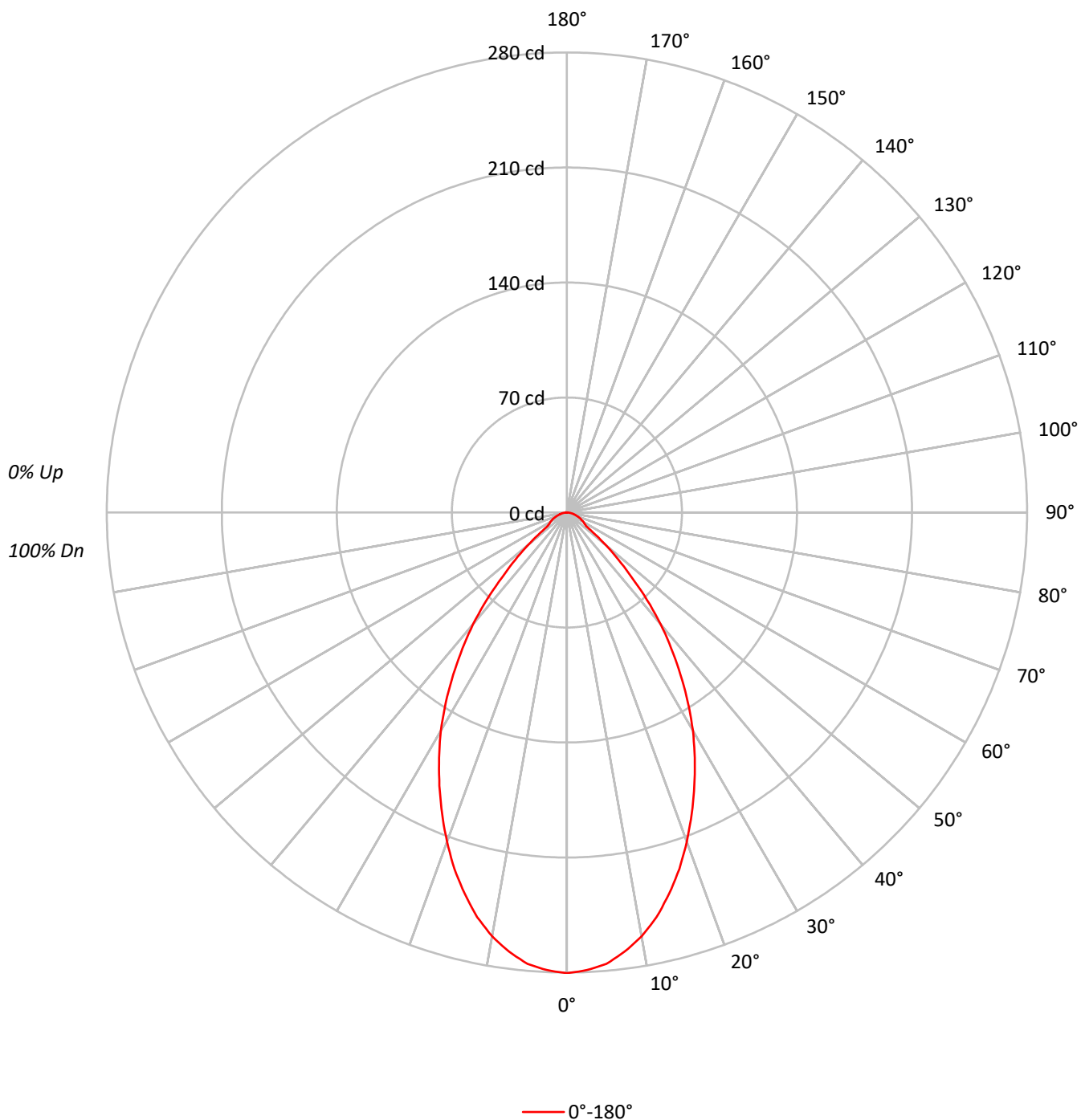
Lumens per Lamp: N/A
Luminaire Lumens: 327.0 lumens
Efficiency: N/A
Efficacy: 29.5 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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	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	54	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°	61486
5°	60709
10°	58316
15°	54529
20°	49751
25°	44398
30°	38816
35°	32257
40°	25419
45°	17242
50°	10541
55°	5467
60°	5087
65°	4825
70°	4488
75°	3897
80°	3915
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17242 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.9	7.9
10°-20°	67.1	20.5
20°-30°	84.1	25.7
30°-40°	75.1	22.9
40°-50°	43.9	13.4
50°-60°	15.2	4.6
60°-70°	9.2	2.8
70°-80°	5.1	1.6
80°-90°	1.5	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°	177.1	54.2
0°-40°	252.1	77.1
0°-60°	311.3	95.2
0°-90°	327.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	327.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	280	
5°	276	26
15°	240	67
25°	184	84
35°	120	75
45°	56	44
55°	14	15
65°	9	9
75°	5	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	280.4
2.5°	278.8
5°	275.8
7.5°	269.6
10°	261.9
12.5°	252.2
15°	240.2
17.5°	227.5
20°	213.2
22.5°	198.5
25°	183.5
27.5°	168.4
30°	153.3
32.5°	137.1
35°	120.5
37.5°	104.3
40°	88.8
42.5°	72.2
45°	55.6
47.5°	42.5
50°	30.9
52.5°	20.1
55°	14.3
57.5°	12.7
60°	11.6
62.5°	10.4
65°	9.3
67.5°	8.1
70°	7.0
72.5°	5.8
75°	4.6
77.5°	3.9
80°	3.1
82.5°	1.9
85°	1.2
87.5°	0.8
90°	0.0

(END OF REPORT)