

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: P1259714

Luminaire Tested: P3AS09R559050DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259714
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: P3AS09R559050DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R55 optic, 5000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

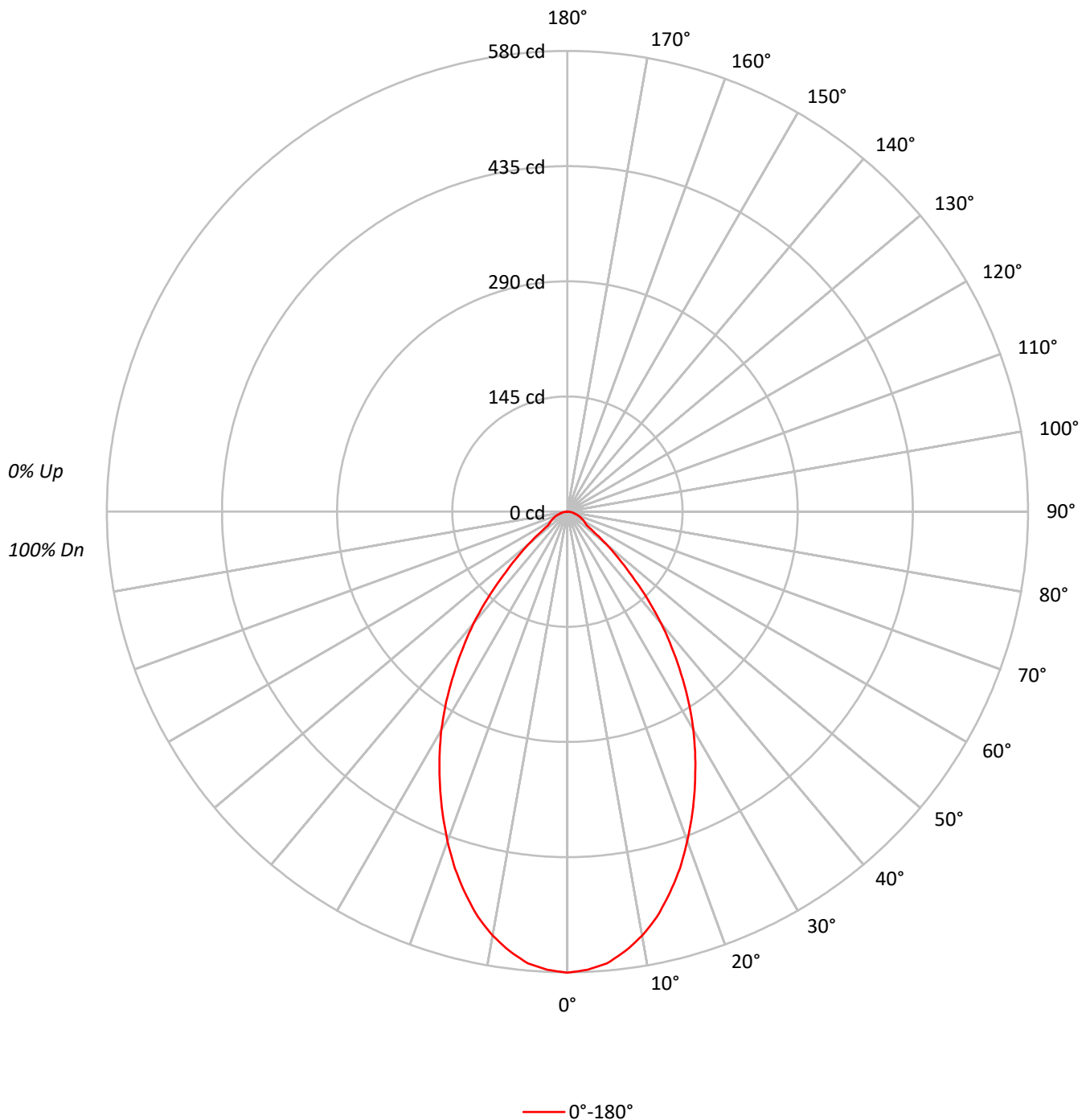
Lumens per Lamp: N/A
Luminaire Lumens: 677.0 lumens
Efficiency: N/A
Efficacy: 61.0 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	127292
5°	125666
10°	120706
15°	112895
20°	103002
25°	91892
30°	80367
35°	66789
40°	52641
45°	35694
50°	21833
55°	11316
60°	10525
65°	9962
70°	9232
75°	8133
80°	8082
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 35694 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.5	7.9
10°-20°	139.0	20.5
20°-30°	174.1	25.7
30°-40°	155.4	23.0
40°-50°	91.0	13.4
50°-60°	31.4	4.6
60°-70°	19.0	2.8
70°-80°	10.5	1.6
80°-90°	3.0	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°	366.6	54.2
0°-40°	522.0	77.1
0°-60°	644.4	95.2
0°-90°	677.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	677.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	580	
5°	571	54
15°	497	139
25°	380	174
35°	250	155
45°	115	91
55°	30	31
65°	19	19
75°	10	11
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	580.5
2.5°	577.3
5°	570.9
7.5°	558.1
10°	542.1
12.5°	522.1
15°	497.3
17.5°	471.0
20°	441.4
22.5°	411.0
25°	379.8
27.5°	348.6
30°	317.4
32.5°	283.9
35°	249.5
37.5°	215.9
40°	183.9
42.5°	149.5
45°	115.1
47.5°	88.0
50°	64.0
52.5°	41.6
55°	29.6
57.5°	26.4
60°	24.0
62.5°	21.6
65°	19.2
67.5°	16.8
70°	14.4
72.5°	12.0
75°	9.6
77.5°	8.0
80°	6.4
82.5°	4.0
85°	2.4
87.5°	1.6
90°	0.0

(END OF REPORT)