

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: P1261899

Luminaire Tested: P3AS05R309727DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261899
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R309727DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 97CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

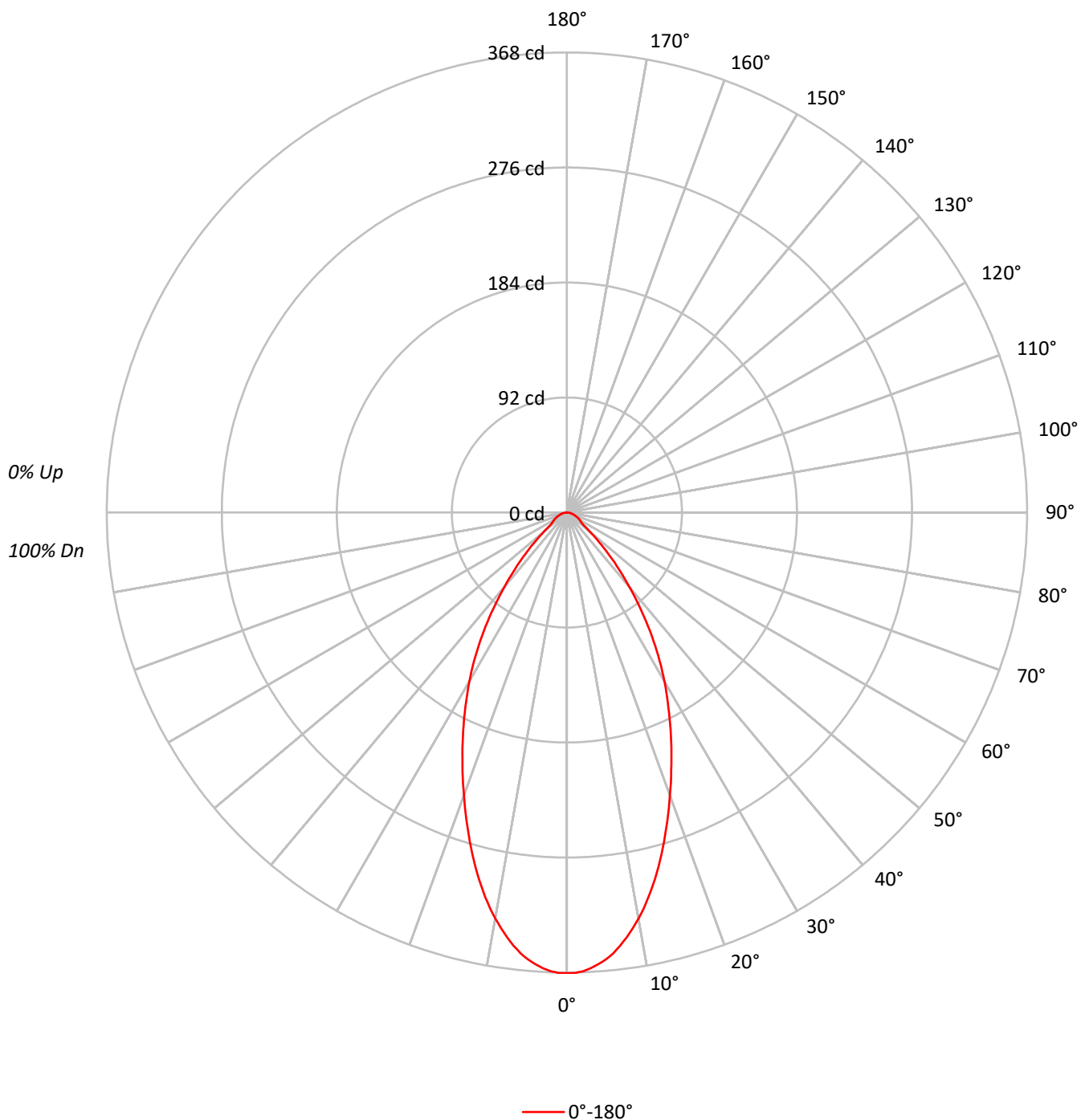
Lumens per Lamp: N/A
Luminaire Lumens: 342.0 lumens
Efficiency: N/A
Efficacy: 47.5 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	112	109	106	104		110	107	105	102		103	101	99		99	98	96		96	94	93
2	106	100	96	92		104	99	94	91		95	92	89		92	89	87		89	87	85
3	100	92	87	82		98	91	86	82		88	84	80		86	82	79		84	80	78
4	94	85	79	74		92	84	79	74		82	77	73		80	76	72		78	74	71
5	89	79	73	68		87	78	72	68		76	71	67		75	70	66		73	69	66
6	84	74	67	62		82	73	67	62		71	66	62		70	65	61		69	64	61
7	79	69	62	58		78	68	62	58		67	61	57		66	61	57		65	60	57
8	75	65	58	54		74	64	58	53		63	57	53		62	57	53		61	56	53
9	71	61	54	50		70	60	54	50		59	54	50		58	53	50		57	53	49
10	68	57	51	47		67	57	51	47		56	50	47		55	50	46		54	50	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	80805
5°	78978
10°	73457
15°	65358
20°	56215
25°	47616
30°	39525
35°	30999
40°	22213
45°	14575
50°	8290
55°	5467
60°	5175
65°	4774
70°	4296
75°	3897
80°	3662
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14575 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.3	9.7
10°-20°	80.0	23.4
20°-30°	90.2	26.4
30°-40°	72.0	21.1
40°-50°	37.0	10.8
50°-60°	13.9	4.1
60°-70°	9.1	2.7
70°-80°	4.9	1.4
80°-90°	1.4	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°	203.5	59.5
0°-40°	275.6	80.6
0°-60°	326.5	95.5
0°-90°	342.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	342.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	368	
5°	359	33
15°	288	80
25°	197	90
35°	116	72
45°	47	37
55°	14	14
65°	9	9
75°	5	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	368.5
1°	368.5
2°	367.2
3°	365.1
4°	362.2
5°	358.8
6°	354.6
7°	349.2
8°	343.3
9°	336.6
10°	329.9
11°	322.3
12°	314.3
13°	305.9
14°	297.1
15°	287.9
17.5°	264.4
20°	240.9
22.5°	218.2
25°	196.8
27.5°	175.8
30°	156.1
32.5°	136.0
35°	115.8
37.5°	96.1
40°	77.6
42.5°	61.3
45°	47.0
47.5°	34.8
50°	24.3
52.5°	17.2
55°	14.3
57.5°	13.0
60°	11.8
62.5°	10.5
65°	9.2
67.5°	8.0
70°	6.7
72.5°	5.5
75°	4.6
77.5°	3.8
80°	2.9
82.5°	2.1
85°	1.3
87.5°	0.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)