

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: P1256598

Luminaire Tested: P3AS05R309040DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256598
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: P3AS05R309040DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

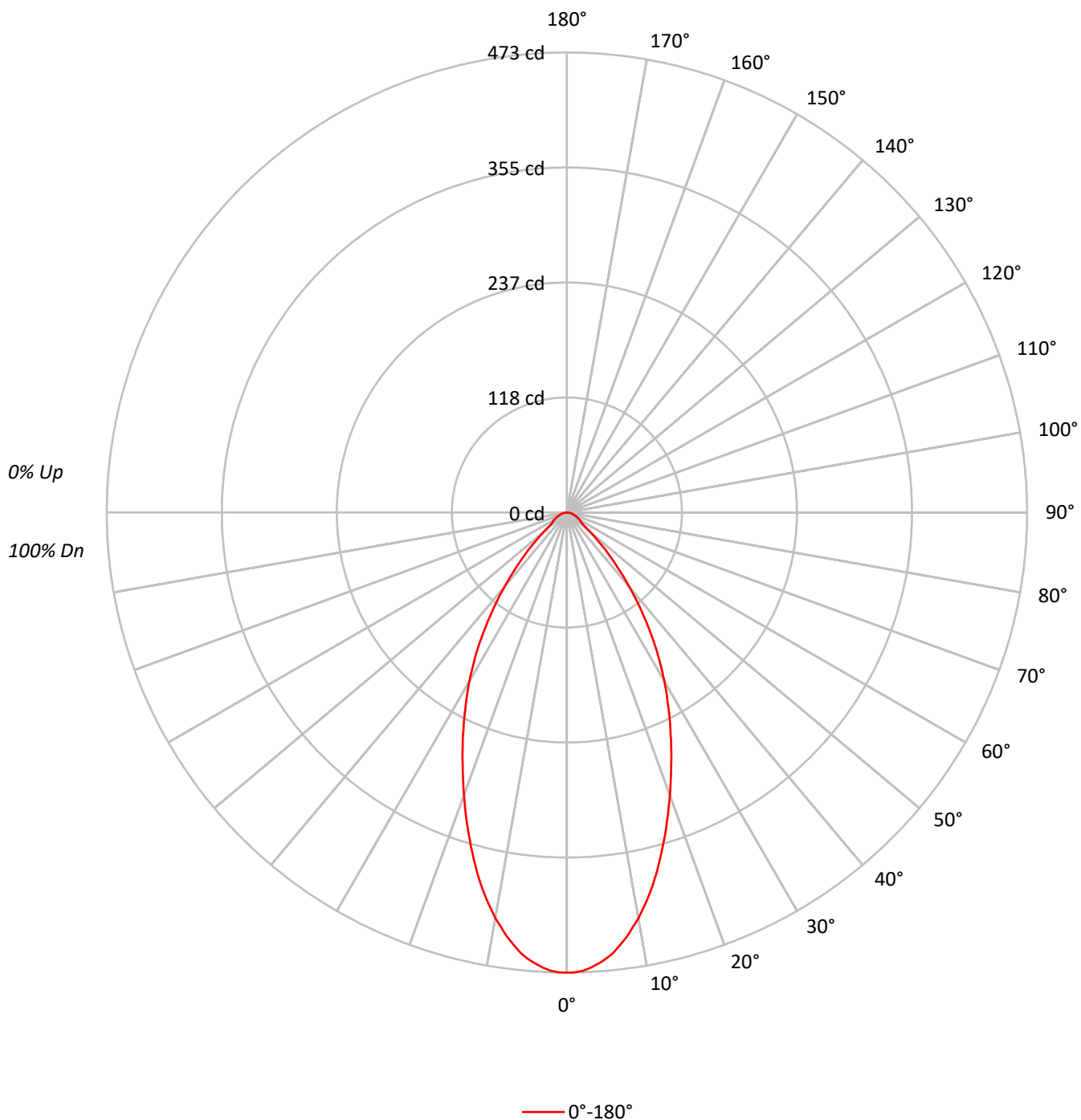
Lumens per Lamp: N/A
Luminaire Lumens: 439.0 lumens
Efficiency: N/A
Efficacy: 61.0 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	103720
5°	101386
10°	94276
15°	83882
20°	72153
25°	61116
30°	50742
35°	39806
40°	28539
45°	18700
50°	10644
55°	6996
60°	6622
65°	6174
70°	5514
75°	4999
80°	4799
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18700 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.8	9.7
10°-20°	102.7	23.4
20°-30°	115.8	26.4
30°-40°	92.5	21.1
40°-50°	47.5	10.8
50°-60°	17.9	4.1
60°-70°	11.7	2.7
70°-80°	6.3	1.4
80°-90°	1.8	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°	261.3	59.5
0°-40°	353.7	80.6
0°-60°	419.1	95.5
0°-90°	439.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	439.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	473	
5°	461	43
15°	370	103
25°	253	116
35°	149	92
45°	60	47
55°	18	18
65°	12	12
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	473.0
1°	473.0
2°	471.4
3°	468.7
4°	464.9
5°	460.6
6°	455.2
7°	448.2
8°	440.7
9°	432.0
10°	423.4
11°	413.7
12°	403.5
13°	392.7
14°	381.4
15°	369.5
17.5°	339.4
20°	309.2
22.5°	280.1
25°	252.6
27.5°	225.7
30°	200.4
32.5°	174.5
35°	148.7
37.5°	123.4
40°	99.7
42.5°	78.6
45°	60.3
47.5°	44.7
50°	31.2
52.5°	22.1
55°	18.3
57.5°	16.7
60°	15.1
62.5°	13.5
65°	11.9
67.5°	10.2
70°	8.6
72.5°	7.0
75°	5.9
77.5°	4.8
80°	3.8
82.5°	2.7
85°	1.6
87.5°	0.5



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)