

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: P1286451

Luminaire Tested: P3AS05R309030D2WDE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286451
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R309030D2WDE010 E3DLP1H
Description: 3in Adjustable Dim to Warm LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

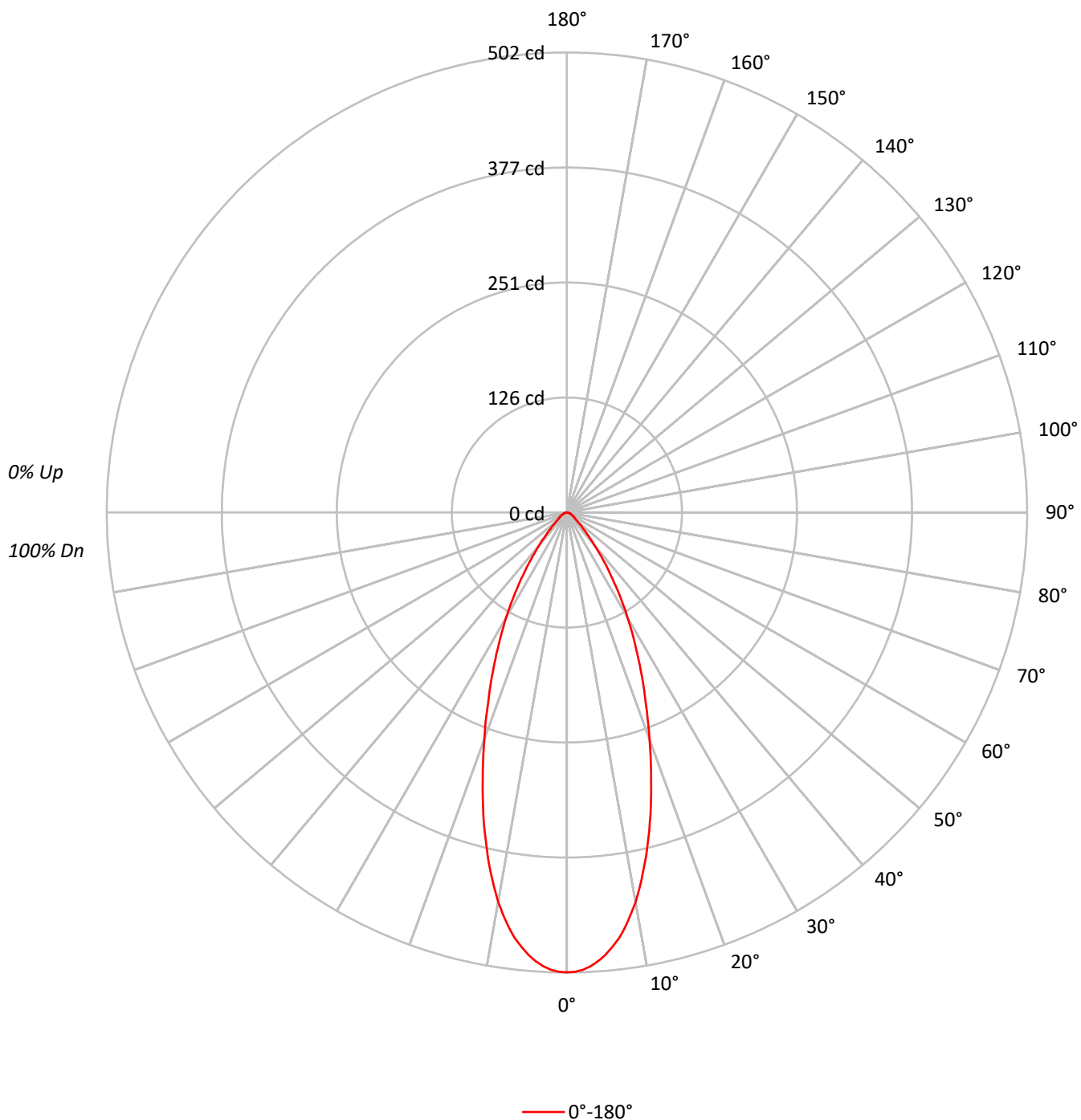
Lumens per Lamp: N/A
Luminaire Lumens: 322.0 lumens
Efficiency: N/A
Efficacy: 29.0 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	85	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63
10	73	63	58	54	72	63	57	54	62	57	53		61	57	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	110035
5°	106603
10°	96057
15°	79456
20°	61512
25°	46140
30°	33499
35°	22326
40°	13711
45°	8063
50°	4947
55°	4014
60°	3508
65°	2854
70°	2565
75°	2542
80°	1894
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8063 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.5	13.8
10°-20°	96.4	29.9
20°-30°	87.7	27.2
30°-40°	53.0	16.5
40°-50°	21.3	6.6
50°-60°	9.4	2.9
60°-70°	5.7	1.8
70°-80°	3.1	1.0
80°-90°	0.9	0.3
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°	228.6	71.0
0°-40°	281.7	87.5
0°-60°	312.4	97.0
0°-90°	322.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	322.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	502	
5°	484	45
15°	350	96
25°	191	88
35°	83	53
45°	26	21
55°	10	9
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	501.8
1°	501.3
2°	499.3
3°	495.8
4°	490.8
5°	484.3
6°	476.3
7°	467.8
8°	456.9
9°	444.4
10°	431.4
11°	416.4
12°	400.4
13°	384.5
14°	367.0
15°	350.0
17.5°	305.6
20°	263.6
22.5°	224.7
25°	190.7
27.5°	159.8
30°	132.3
32.5°	106.8
35°	83.4
37.5°	63.9
40°	47.9
42.5°	35.0
45°	26.0
47.5°	19.5
50°	14.5
52.5°	11.5
55°	10.5
57.5°	9.0
60°	8.0
62.5°	6.5
65°	5.5
67.5°	5.0
70°	4.0
72.5°	3.5
75°	3.0
77.5°	2.5
80°	1.5
82.5°	1.0
85°	1.0
87.5°	0.5



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)