

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: P1286106

Luminaire Tested: P3AS02R309030D2WDE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286106
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: P3AS02R309030D2WDE010 E3DLP1H
Description: 3in Adjustable Dim to Warm LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

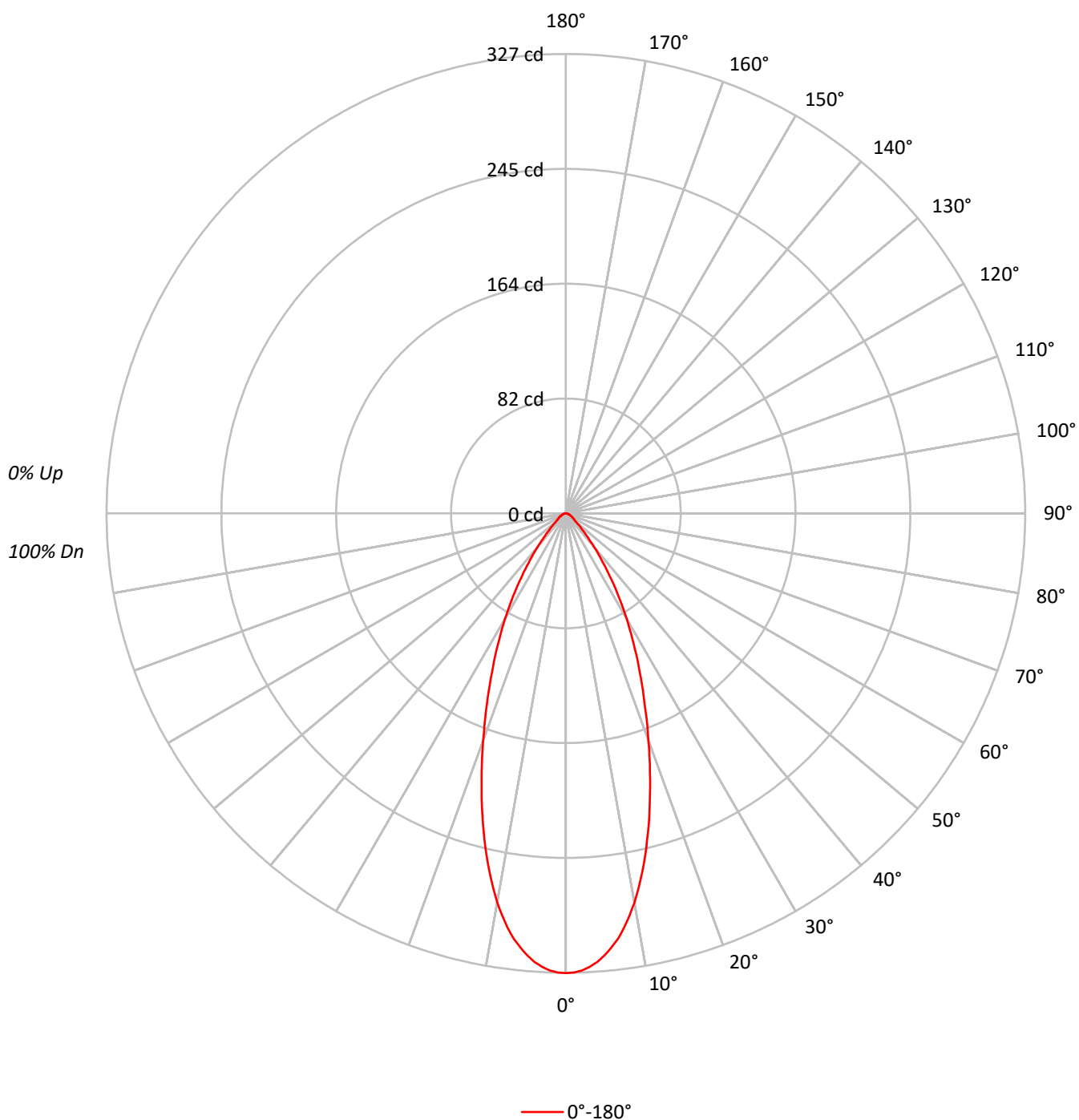
Lumens per Lamp: N/A
Luminaire Lumens: 210.0 lumens
Efficiency: N/A
Efficacy: 29.2 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	71771
5°	69535
10°	62635
15°	51828
20°	40113
25°	30099
30°	21851
35°	14562
40°	8960
45°	5241
50°	3207
55°	2600
60°	2281
65°	1868
70°	1667
75°	1694
80°	1263
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5241 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.1	13.8
10°-20°	62.9	29.9
20°-30°	57.2	27.2
30°-40°	34.6	16.5
40°-50°	13.9	6.6
50°-60°	6.1	2.9
60°-70°	3.7	1.8
70°-80°	2.0	1.0
80°-90°	0.6	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°	149.1	71.0
0°-40°	183.7	87.5
0°-60°	203.7	97.0
0°-90°	210.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	210.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	327	
5°	316	29
15°	228	63
25°	124	57
35°	54	35
45°	17	14
55°	7	6
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	327.3
1°	326.9
2°	325.6
3°	323.3
4°	320.1
5°	315.9
6°	310.6
7°	305.1
8°	297.9
9°	289.8
10°	281.3
11°	271.6
12°	261.2
13°	250.7
14°	239.3
15°	228.3
17.5°	199.3
20°	171.9
22.5°	146.5
25°	124.4
27.5°	104.2
30°	86.3
32.5°	69.7
35°	54.4
37.5°	41.7
40°	31.3
42.5°	22.8
45°	16.9
47.5°	12.7
50°	9.4
52.5°	7.5
55°	6.8
57.5°	5.9
60°	5.2
62.5°	4.2
65°	3.6
67.5°	3.3
70°	2.6
72.5°	2.3
75°	2.0
77.5°	1.6
80°	1.0
82.5°	0.7
85°	0.7
87.5°	0.3



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)