

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: P1286036

Luminaire Tested: P3AS02R209030D2WDE010 E3DL1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286036
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R209030D2WDE010 E3DL1H
Description: 3in Adjustable Dim to Warm LED luminaire with, R20 optic, 3000K CCT AND, 90CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

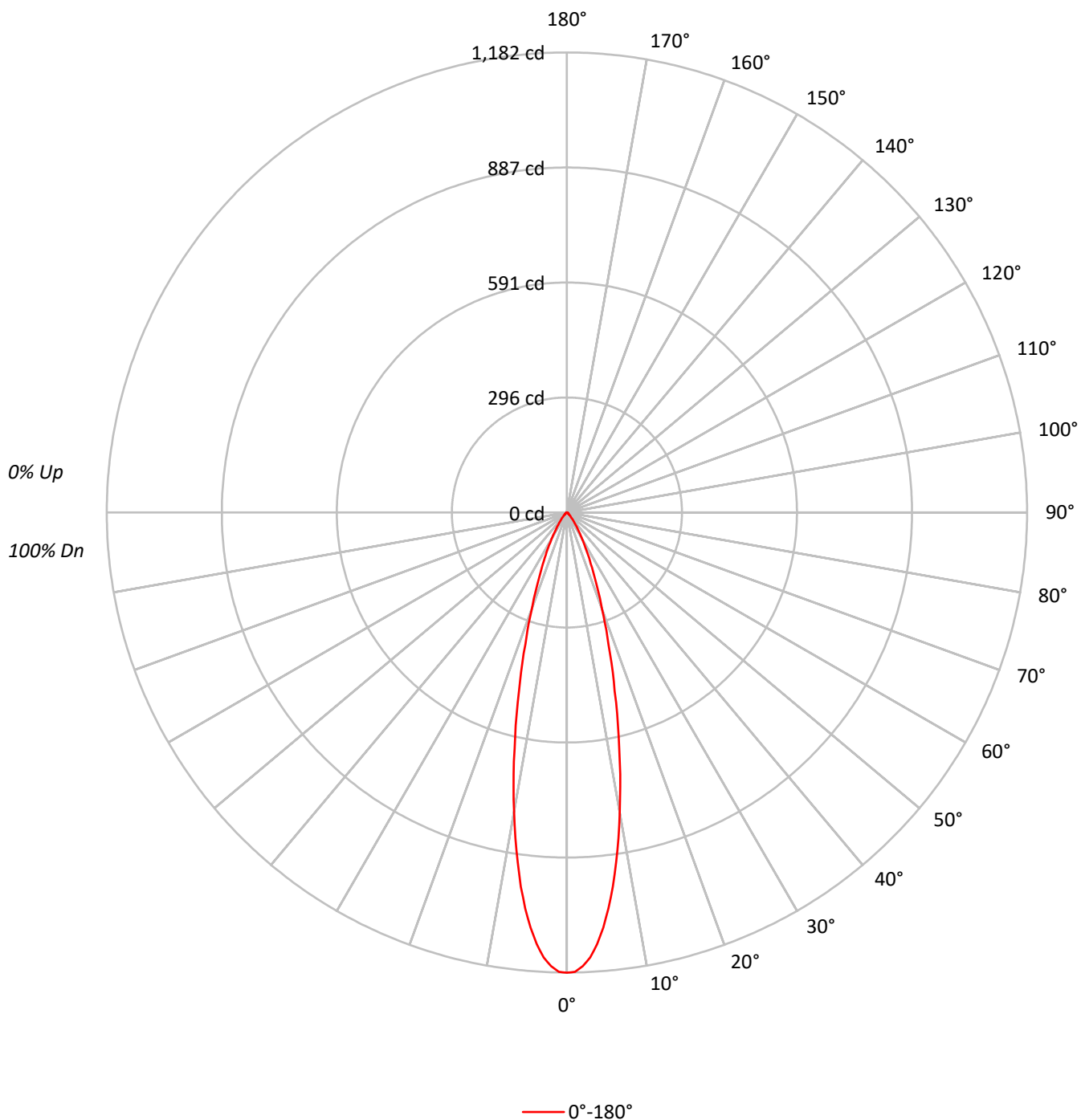
Lumens per Lamp: N/A
Luminaire Lumens: 337.0 lumens
Efficiency: N/A
Efficacy: 46.8 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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			0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99	98	97	95
2	110	106	102	100	108	104	101	98	101	98	96		98	96	94		95	94	92	91
3	106	100	96	93	104	99	95	92	97	93	91		94	92	89		92	90	88	87
4	102	96	91	88	100	95	90	87	92	89	86		91	88	85		89	86	84	83
5	98	91	87	83	97	90	86	83	89	85	82		87	84	81		86	83	81	79
6	95	87	83	79	93	87	82	79	85	81	78		84	81	78		83	80	77	76
7	91	84	79	76	90	83	79	76	82	78	75		81	78	75		80	77	75	73
8	88	81	76	73	87	80	76	73	79	75	72		78	75	72		78	74	72	71
9	85	78	73	70	85	77	73	70	77	73	70		76	72	69		75	72	69	68
10	83	75	71	68	82	75	70	67	74	70	67		73	70	67		73	69	67	66

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	259277
5°	235703
10°	174190
15°	107765
20°	61535
25°	35131
30°	19699
35°	10708
40°	5868
45°	3225
50°	1876
55°	1376
60°	1272
65°	1193
70°	1026
75°	1101
80°	884
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3225 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.7	27.5
10°-20°	132.4	39.3
20°-30°	69.1	20.5
30°-40°	26.7	7.9
40°-50°	8.7	2.6
50°-60°	3.4	1.0
60°-70°	2.3	0.7
70°-80°	1.3	0.4
80°-90°	0.4	0.1
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°	294.2	87.3
0°-40°	320.9	95.2
0°-60°	333.0	98.8
0°-90°	337.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	337.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1182	
5°	1071	93
15°	475	132
25°	145	69
35°	40	27
45°	10	9
55°	4	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1182.4
1°	1180.1
2°	1166.1
3°	1144.7
4°	1111.5
5°	1070.8
6°	1022.6
7°	969.2
8°	907.3
9°	847.1
10°	782.3
12.5°	621.8
15°	474.7
17.5°	355.2
20°	263.7
22.5°	195.3
25°	145.2
27.5°	107.1
30°	77.8
32.5°	56.3
35°	40.0
37.5°	29.0
40°	20.5
42.5°	14.7
45°	10.4
47.5°	7.5
50°	5.5
52.5°	4.2
55°	3.6
57.5°	3.3
60°	2.9
62.5°	2.6
65°	2.3
67.5°	2.0
70°	1.6
72.5°	1.6
75°	1.3
77.5°	1.0
80°	0.7
82.5°	0.7
85°	0.3
87.5°	0.3
90°	0.0

(END OF REPORT)