

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: P1287129

Luminaire Tested: P3AS13R309030D2WDE010 E3DL1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287129
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R309030D2WDE010 E3DL1H
Description: 3in Adjustable Dim to Warm LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

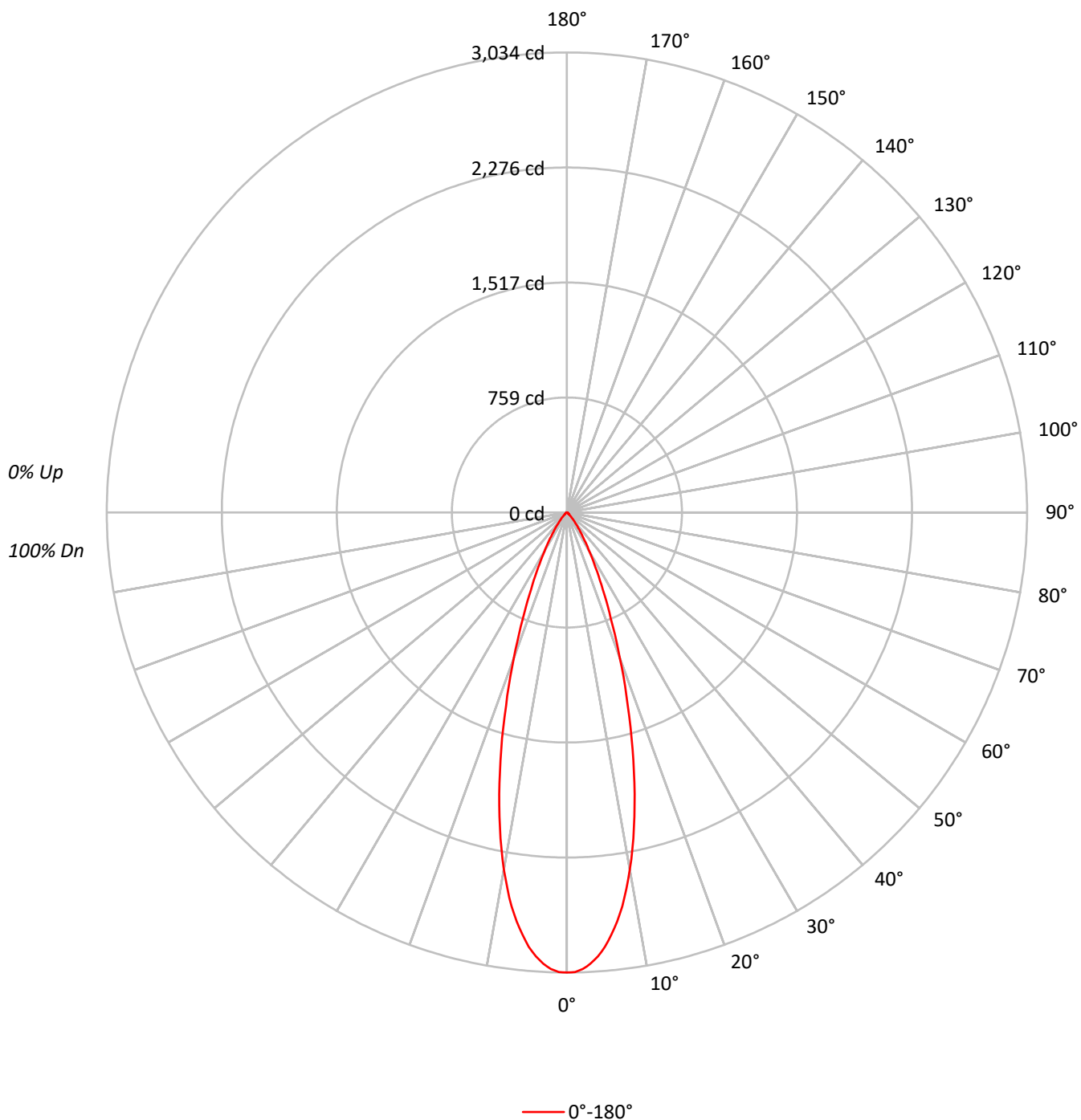
Lumens per Lamp: N/A
Luminaire Lumens: 1140.0 lumens
Efficiency: N/A
Efficacy: 56.7 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.1
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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	85	81	77	84	80	77		83	79	76		81
7	90	82	77	74	89	82	77	74	81	76	73		80	76	73		79
8	87	79	74	71	86	79	74	71	78	73	70		77	73	70		76
9	84	76	71	68	83	75	71	68	75	70	67		74	70	67		73
10	81	73	68	65	80	73	68	65	72	68	65		71	67	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	665232
5°	633148
10°	532566
15°	384066
20°	238231
25°	135492
30°	75252
35°	40930
40°	21583
45°	11691
50°	6243
55°	4129
60°	3772
65°	3891
70°	3462
75°	2711
80°	2778
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11691 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	259.0	22.7
10°-20°	460.4	40.4
20°-30°	266.1	23.3
30°-40°	101.0	8.9
40°-50°	31.0	2.7
50°-60°	10.4	0.9
60°-70°	7.1	0.6
70°-80°	3.8	0.3
80°-90°	1.2	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°	985.5	86.4
0°-40°	1086.5	95.3
0°-60°	1127.9	98.9
0°-90°	1140.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1140.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3034	
5°	2876	259
15°	1692	460
25°	560	266
35°	153	101
45°	38	31
55°	11	10
65°	8	7
75°	3	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3033.7
1°	3031.5
2°	3013.2
3°	2978.7
4°	2935.7
5°	2876.4
6°	2801.1
7°	2717.1
8°	2623.4
9°	2511.4
10°	2391.8
11°	2262.6
12°	2125.8
13°	1982.6
14°	1837.2
15°	1691.8
17.5°	1334.3
20°	1020.9
22.5°	757.1
25°	560.0
27.5°	407.1
30°	297.2
32.5°	214.3
35°	152.9
37.5°	106.6
40°	75.4
42.5°	52.8
45°	37.7
47.5°	25.8
50°	18.3
52.5°	12.9
55°	10.8
57.5°	9.7
60°	8.6
62.5°	7.5
65°	7.5
67.5°	6.5
70°	5.4
72.5°	4.3
75°	3.2
77.5°	3.2
80°	2.2
82.5°	2.2
85°	1.1
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)