

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: P1252681

Luminaire Tested: P3AS20R309030D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252681
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: P3AS20R309030D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

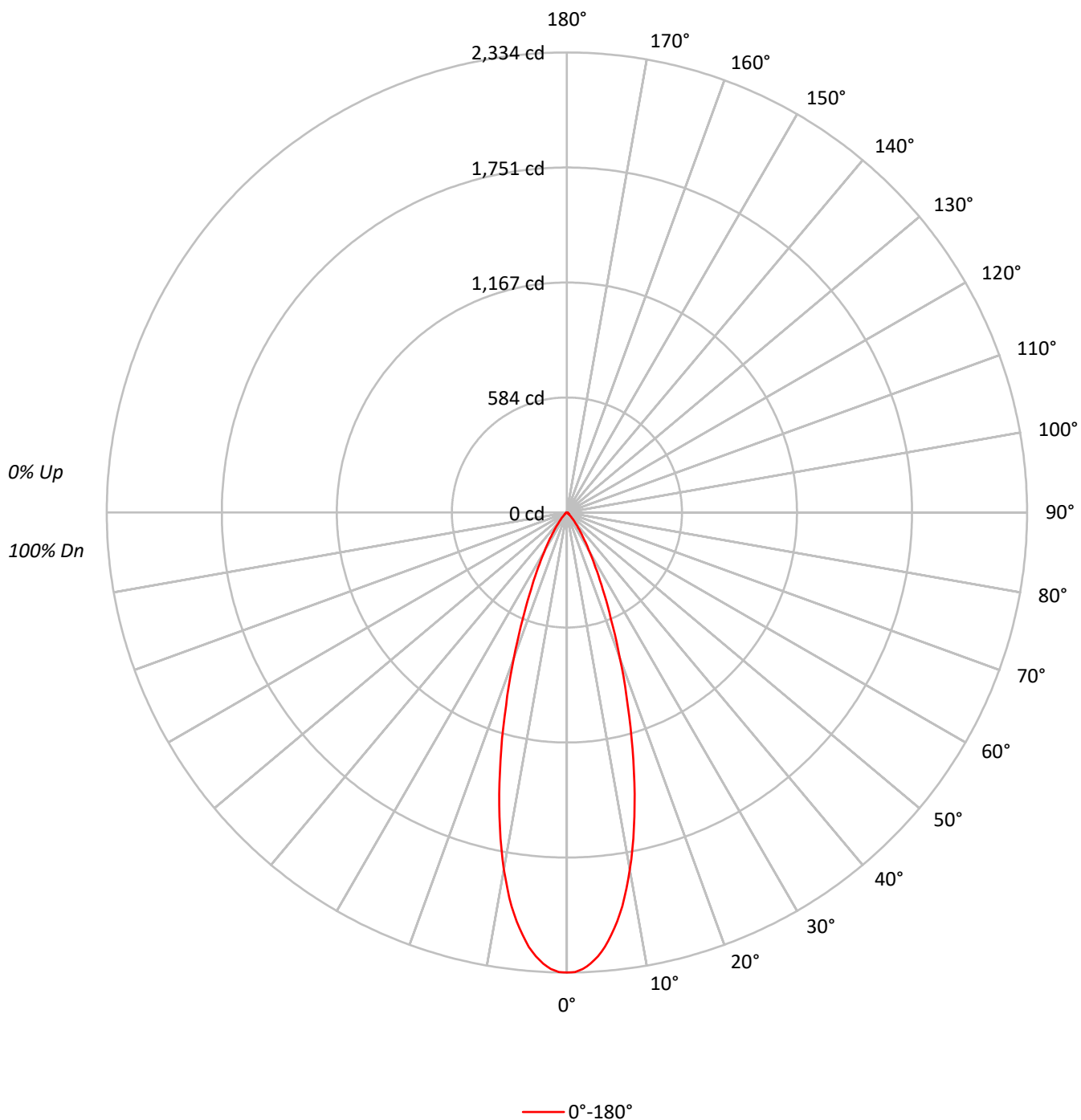
Lumens per Lamp: N/A
Luminaire Lumens: 877.0 lumens
Efficiency: N/A
Efficacy: 30.5 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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°	511757
5°	487078
10°	409701
15°	295461
20°	183276
25°	104232
30°	57908
35°	31481
40°	16603
45°	8993
50°	4810
55°	3173
60°	2895
65°	3009
70°	2629
75°	2118
80°	2147
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8993 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	199.3	22.7
10°-20°	354.2	40.4
20°-30°	204.7	23.3
30°-40°	77.7	8.9
40°-50°	23.9	2.7
50°-60°	8.0	0.9
60°-70°	5.4	0.6
70°-80°	3.0	0.3
80°-90°	0.9	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°	758.2	86.4
0°-40°	835.8	95.3
0°-60°	867.7	98.9
0°-90°	877.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	877.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2334	
5°	2213	199
15°	1302	354
25°	431	205
35°	118	78
45°	29	24
55°	8	8
65°	6	5
75°	2	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2333.8
1°	2332.1
2°	2318.1
3°	2291.5
4°	2258.4
5°	2212.8
6°	2154.8
7°	2090.2
8°	2018.2
9°	1932.0
10°	1840.0
11°	1740.6
12°	1635.4
13°	1525.2
14°	1413.4
15°	1301.5
17.5°	1026.5
20°	785.4
22.5°	582.4
25°	430.8
27.5°	313.2
30°	228.7
32.5°	164.9
35°	117.6
37.5°	82.0
40°	58.0
42.5°	40.6
45°	29.0
47.5°	19.9
50°	14.1
52.5°	9.9
55°	8.3
57.5°	7.5
60°	6.6
62.5°	5.8
65°	5.8
67.5°	5.0
70°	4.1
72.5°	3.3
75°	2.5
77.5°	2.5
80°	1.7
82.5°	1.7
85°	0.8
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)