

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: P1266239

Luminaire Tested: P3A02R309735DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266239
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: P3A02R309735DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

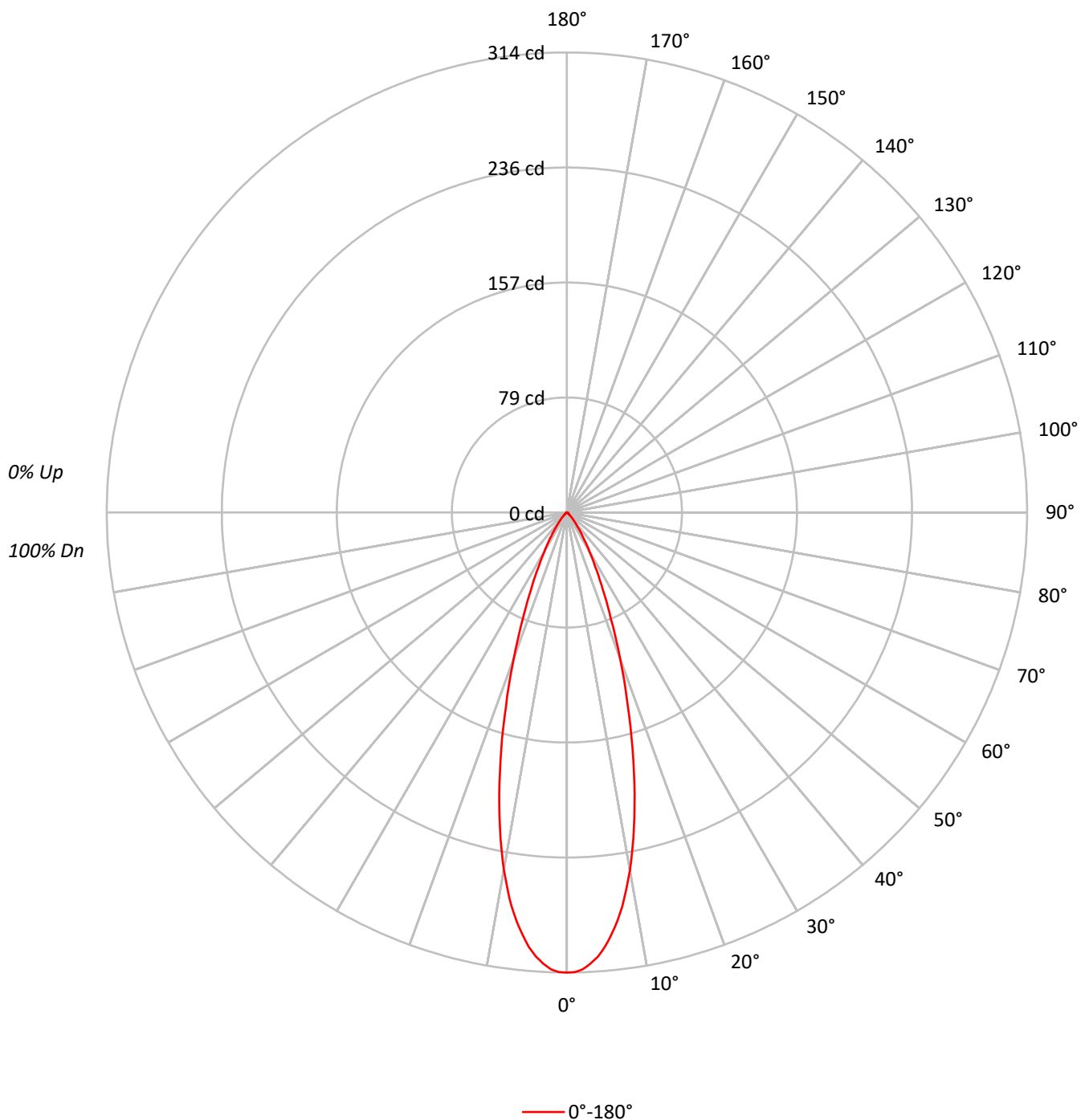
Lumens per Lamp: N/A
Luminaire Lumens: 118.0 lumens
Efficiency: N/A
Efficacy: 32.8 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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	108	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°	68854
5°	65529
10°	55131
15°	39751
20°	24665
25°	14033
30°	7799
35°	4230
40°	2233
45°	1209
50°	648
55°	421
60°	395
65°	415
70°	385
75°	254
80°	253
85°	252

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1209 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.8	22.7
10°-20°	47.7	40.4
20°-30°	27.6	23.4
30°-40°	10.4	8.9
40°-50°	3.2	2.7
50°-60°	1.1	0.9
60°-70°	0.8	0.6
70°-80°	0.4	0.3
80°-90°	0.1	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°	102.0	86.5
0°-40°	112.5	95.3
0°-60°	116.7	99.0
0°-90°	118.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	118.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	314	
5°	298	27
15°	175	48
25°	58	28
35°	16	10
45°	4	3
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	314.0
1°	313.8
2°	311.9
3°	308.3
4°	303.9
5°	297.7
6°	289.9
7°	281.2
8°	271.5
9°	259.9
10°	247.6
11°	234.2
12°	220.0
13°	205.2
14°	190.2
15°	175.1
17.5°	138.1
20°	105.7
22.5°	78.4
25°	58.0
27.5°	42.1
30°	30.8
32.5°	22.2
35°	15.8
37.5°	11.0
40°	7.8
42.5°	5.5
45°	3.9
47.5°	2.7
50°	1.9
52.5°	1.3
55°	1.1
57.5°	1.0
60°	0.9
62.5°	0.8
65°	0.8
67.5°	0.7
70°	0.6
72.5°	0.4
75°	0.3
77.5°	0.3
80°	0.2
82.5°	0.2
85°	0.1
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)