

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: P1263860

Luminaire Tested: P3A02R309730DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263860
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: P3A02R309730DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

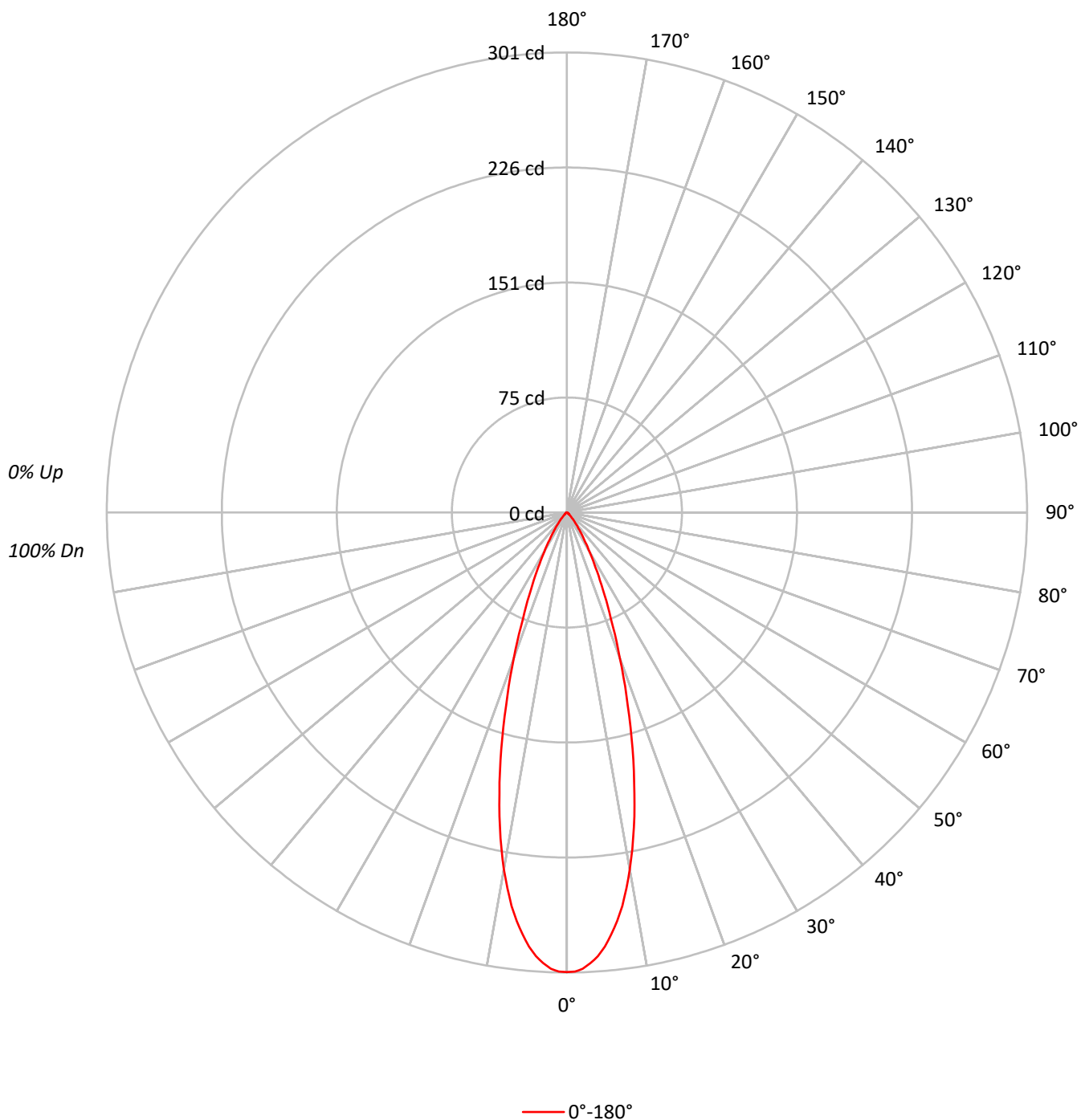
Lumens per Lamp: N/A
Luminaire Lumens: 113.0 lumens
Efficiency: N/A
Efficacy: 31.4 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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			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	105	102	99	108	104	101	98	101	98	96		98	96	94		95	93	92	90
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91	89	87	86
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88	85	83	82
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85	82	79	78
6	94	86	81	78	92	85	81	77	84	80	77		83	79	76		81	78	76	75
7	90	82	77	74	89	82	77	74	81	76	73		80	76	73		79	75	73	72
8	87	79	74	71	86	79	74	71	78	73	70		77	73	70		76	72	70	69
9	84	76	71	68	83	75	71	68	75	70	67		74	70	67		73	70	67	66
10	81	73	68	65	80	73	68	65	72	68	65		71	67	65		71	67	65	63

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	65938
5°	62756
10°	52794
15°	38071
20°	23615
25°	13428
30°	7470
35°	4069
40°	2147
45°	1147
50°	614
55°	421
60°	395
65°	363
70°	321
75°	254
80°	253
85°	252

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 1147 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.7	22.7
10°-20°	45.6	40.4
20°-30°	26.4	23.4
30°-40°	10.0	8.9
40°-50°	3.1	2.7
50°-60°	1.1	0.9
60°-70°	0.7	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°	97.7	86.5
0°-40°	107.7	95.3
0°-60°	111.8	99.0
0°-90°	113.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	113.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	301	
5°	285	26
15°	168	46
25°	56	26
35°	15	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°	300.7
1°	300.5
2°	298.7
3°	295.3
4°	291.0
5°	285.1
6°	277.6
7°	269.3
8°	260.0
9°	248.9
10°	237.1
11°	224.3
12°	210.7
13°	196.5
14°	182.1
15°	167.7
17.5°	132.3
20°	101.2
22.5°	75.0
25°	55.5
27.5°	40.4
30°	29.5
32.5°	21.2
35°	15.2
37.5°	10.6
40°	7.5
42.5°	5.2
45°	3.7
47.5°	2.6
50°	1.8
52.5°	1.3
55°	1.1
57.5°	1.0
60°	0.9
62.5°	0.7
65°	0.7
67.5°	0.6
70°	0.5
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)