

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: P1245689

Luminaire Tested: P3A02R309024DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1245689
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: P3A02R309024DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 2400K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

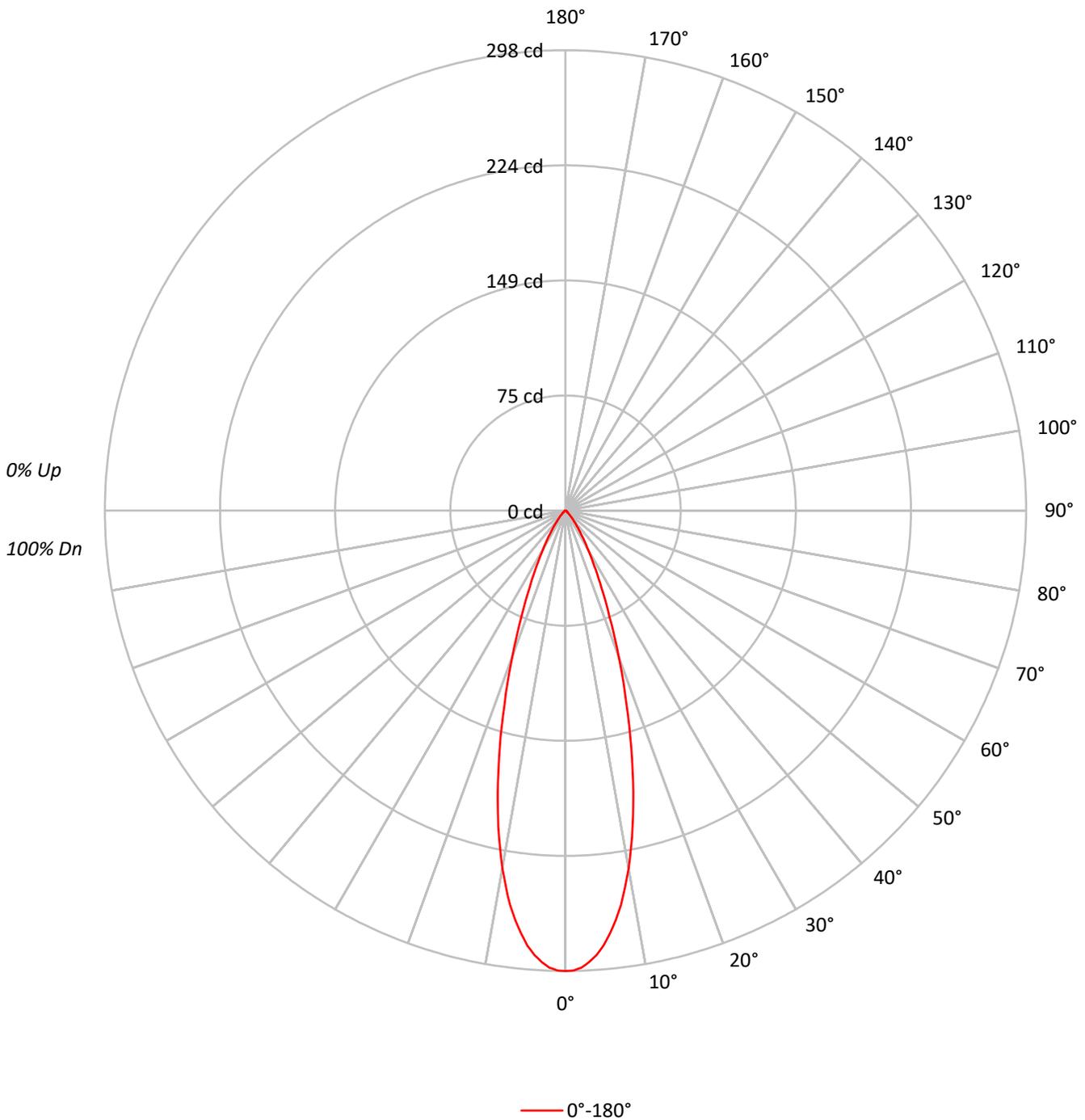
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 112.0 lumens
Efficiency: N/A
Efficacy: 31.1 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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	95	95
2	110	105	102	99	108	104	101	98	101	98	96	98	96	94	95	93	92	90	90	90	90
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	86	86	86
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	82	82	82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	78	78	78
6	94	86	81	78	92	85	81	77	84	80	77	83	79	76	81	78	76	75	75	75	75
7	90	82	77	74	89	82	77	74	81	76	73	80	76	73	79	75	73	72	72	72	72
8	87	79	74	71	86	79	74	71	78	73	70	77	73	70	76	72	70	69	69	69	69
9	84	76	71	68	83	76	71	68	75	70	67	74	70	67	73	70	67	66	66	66	66
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	63	63	63	63

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	65346
5°	62205
10°	52326
15°	37730
20°	23405
25°	13307
30°	7394
35°	4015
40°	2118
45°	1147
50°	614
55°	421
60°	351
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°	25.4	22.7
10°-20°	45.2	40.4
20°-30°	26.1	23.4
30°-40°	9.9	8.9
40°-50°	3.0	2.7
50°-60°	1.0	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°	96.8	86.5
0°-40°	106.8	95.3
0°-60°	110.8	99.0
0°-90°	112.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	112.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	298	
5°	283	25
15°	166	45
25°	55	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°	298.0
1°	297.8
2°	296.0
3°	292.6
4°	288.4
5°	282.6
6°	275.2
7°	266.9
8°	257.7
9°	246.7
10°	235.0
11°	222.3
12°	208.9
13°	194.8
14°	180.5
15°	166.2
17.5°	131.1
20°	100.3
22.5°	74.4
25°	55.0
27.5°	40.0
30°	29.2
32.5°	21.1
35°	15.0
37.5°	10.5
40°	7.4
42.5°	5.2
45°	3.7
47.5°	2.5
50°	1.8
52.5°	1.3
55°	1.1
57.5°	1.0
60°	0.8
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)