

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: P1266353

Luminaire Tested: P3A02R509735DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266353
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-31)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R509735DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R50 optic, 3500K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

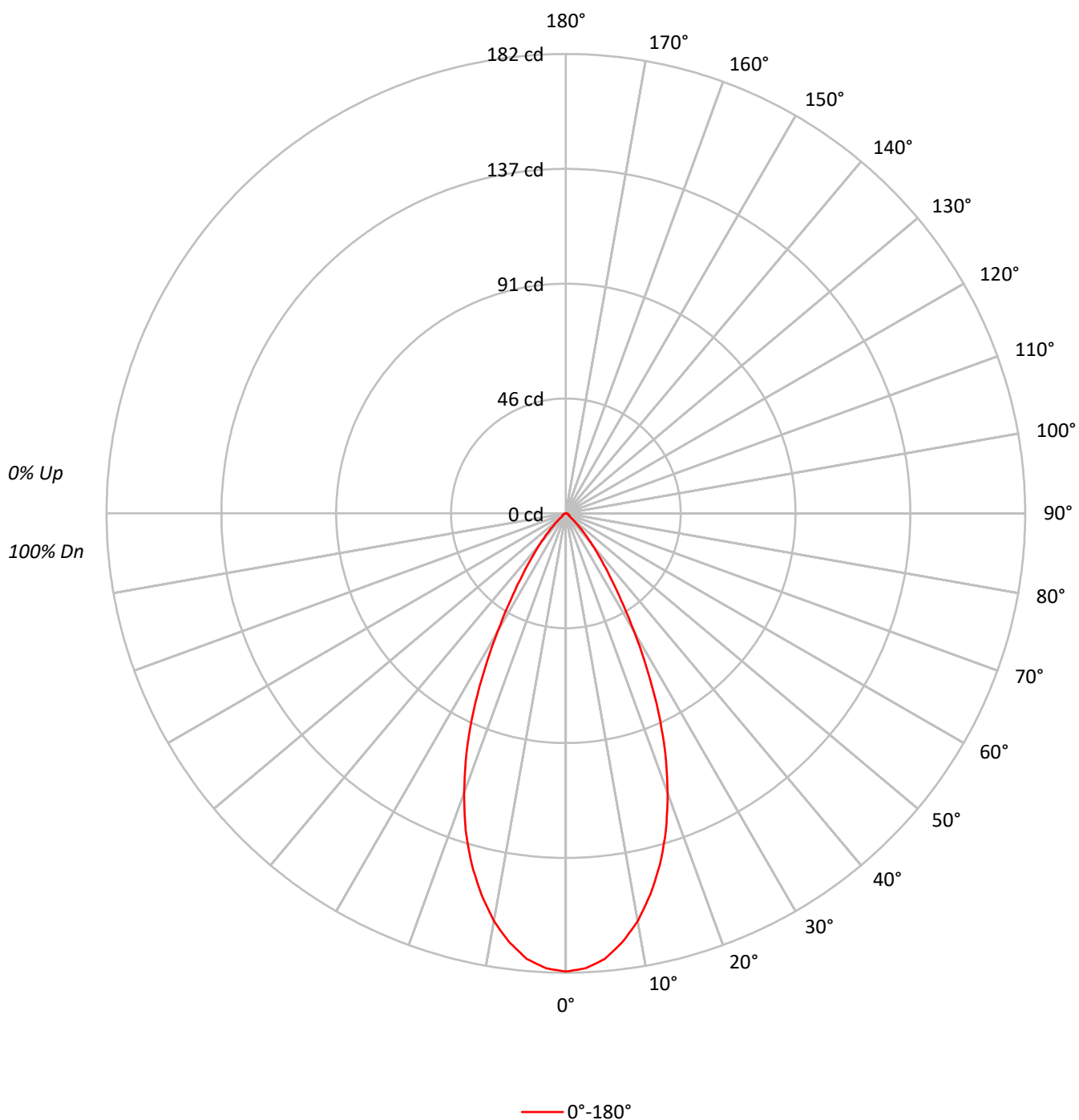
Lumens per Lamp: N/A
Luminaire Lumens: 125.0 lumens
Efficiency: N/A
Efficacy: 34.7 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.75
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					30					10					0
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	114	111	108	106		111	109	106	104		105	103	101		101	99	98		97	96	95
2	108	103	99	96		106	102	98	95		98	95	93		95	93	91		93	91	89
3	103	97	92	88		101	95	91	87		93	89	86		90	87	84		88	85	83
4	98	91	85	81		96	90	85	81		87	83	80		85	82	79		84	80	78
5	93	85	80	75		92	84	79	75		83	78	74		81	77	74		79	76	73
6	89	80	75	71		88	80	74	70		78	73	70		77	73	69		75	72	69
7	85	76	70	66		84	75	70	66		74	69	66		73	69	65		72	68	65
8	81	72	66	62		80	71	66	62		70	65	62		69	65	62		68	64	61
9	78	68	63	59		76	68	62	59		67	62	59		66	62	58		65	61	58
10	74	65	59	56		73	65	59	56		64	59	55		63	58	55		62	58	55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	39799
5°	39005
10°	36517
15°	32690
20°	27512
25°	21001
30°	13648
35°	8084
40°	4666
45°	2357
50°	887
55°	688
60°	614
65°	571
70°	577
75°	593
80°	505
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 2357 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.5	13.2
10°-20°	39.8	31.9
20°-30°	39.1	31.3
30°-40°	19.7	15.7
40°-50°	6.2	5.0
50°-60°	1.6	1.3
60°-70°	1.1	0.9
70°-80°	0.7	0.6
80°-90°	0.2	0.2
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°	95.4	76.3
0°-40°	115.1	92.1
0°-60°	122.9	98.3
0°-90°	125.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	125.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	182	
5°	177	16
15°	144	40
25°	87	39
35°	30	20
45°	8	6
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	181.5
2.5°	180.4
5°	177.2
7.5°	171.4
10°	164.0
12.5°	154.6
15°	144.0
17.5°	131.8
20°	117.9
22.5°	102.9
25°	86.8
27.5°	69.7
30°	53.9
32.5°	40.6
35°	30.2
37.5°	22.3
40°	16.3
42.5°	11.6
45°	7.6
47.5°	4.3
50°	2.6
52.5°	1.9
55°	1.8
57.5°	1.6
60°	1.4
62.5°	1.3
65°	1.1
67.5°	1.0
70°	0.9
72.5°	0.8
75°	0.7
77.5°	0.6
80°	0.4
82.5°	0.3
85°	0.2
87.5°	0.1
90°	0.0

(END OF REPORT)