

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: P1263980

Luminaire Tested: P3A02R509730DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263980
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R509730DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R50 optic, 3000K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

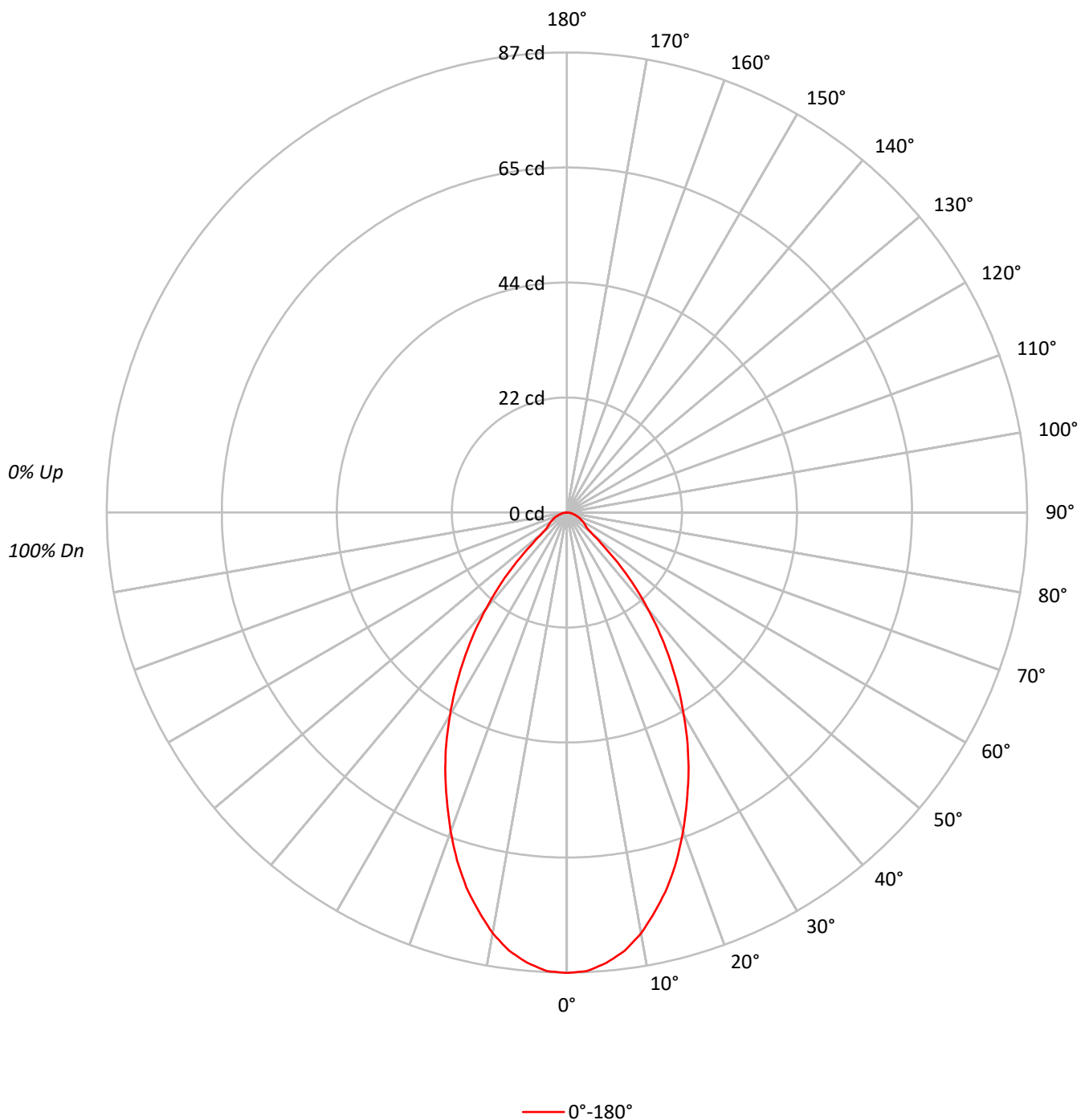
Lumens per Lamp: N/A
Luminaire Lumens: 94.0 lumens
Efficiency: N/A
Efficacy: 26.1 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	103	110	107	104	102	103	101	99		99	97	96		96
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	81	97	90	85	81	88	83	79		85	81	78		83
4	93	85	78	73	91	83	77	73	81	76	72		79	75	71		77
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		72
6	83	73	66	61	81	72	65	61	70	65	60		69	64	60		67
7	78	68	61	56	77	67	61	56	66	60	56		64	59	55		63
8	74	63	57	52	73	63	56	52	61	56	52		60	55	51		59
9	70	59	53	48	69	59	52	48	58	52	48		57	52	48		56
10	66	56	49	45	65	55	49	45	54	49	45		54	48	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	19099
5°	18820
10°	17991
15°	16663
20°	14981
25°	13162
30°	11192
35°	9075
40°	6813
45°	4404
50°	2081
55°	1644
60°	1535
65°	1453
70°	1282
75°	1186
80°	1137
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4404 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.0	8.5
10°-20°	20.5	21.8
20°-30°	24.9	26.4
30°-40°	21.1	22.4
40°-50°	10.9	11.6
50°-60°	4.0	4.2
60°-70°	2.7	2.9
70°-80°	1.5	1.6
80°-90°	0.4	0.5
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°	53.3	56.7
0°-40°	74.4	79.2
0°-60°	89.3	95.0
0°-90°	94.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	94.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	87	
5°	86	8
15°	73	20
25°	54	25
35°	34	21
45°	14	11
55°	4	4
65°	3	3
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	87.1
2.5°	86.8
5°	85.5
7.5°	83.6
10°	80.8
12.5°	77.2
15°	73.4
17.5°	69.0
20°	64.2
22.5°	59.2
25°	54.4
27.5°	49.4
30°	44.2
32.5°	39.1
35°	33.9
37.5°	28.9
40°	23.8
42.5°	19.0
45°	14.2
47.5°	9.4
50°	6.1
52.5°	4.7
55°	4.3
57.5°	3.9
60°	3.5
62.5°	3.1
65°	2.8
67.5°	2.4
70°	2.0
72.5°	1.7
75°	1.4
77.5°	1.1
80°	0.9
82.5°	0.6
85°	0.4
87.5°	0.2
90°	0.0

(END OF REPORT)