

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: P1264715

Luminaire Tested: P3A09R409730DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264715
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R409730DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

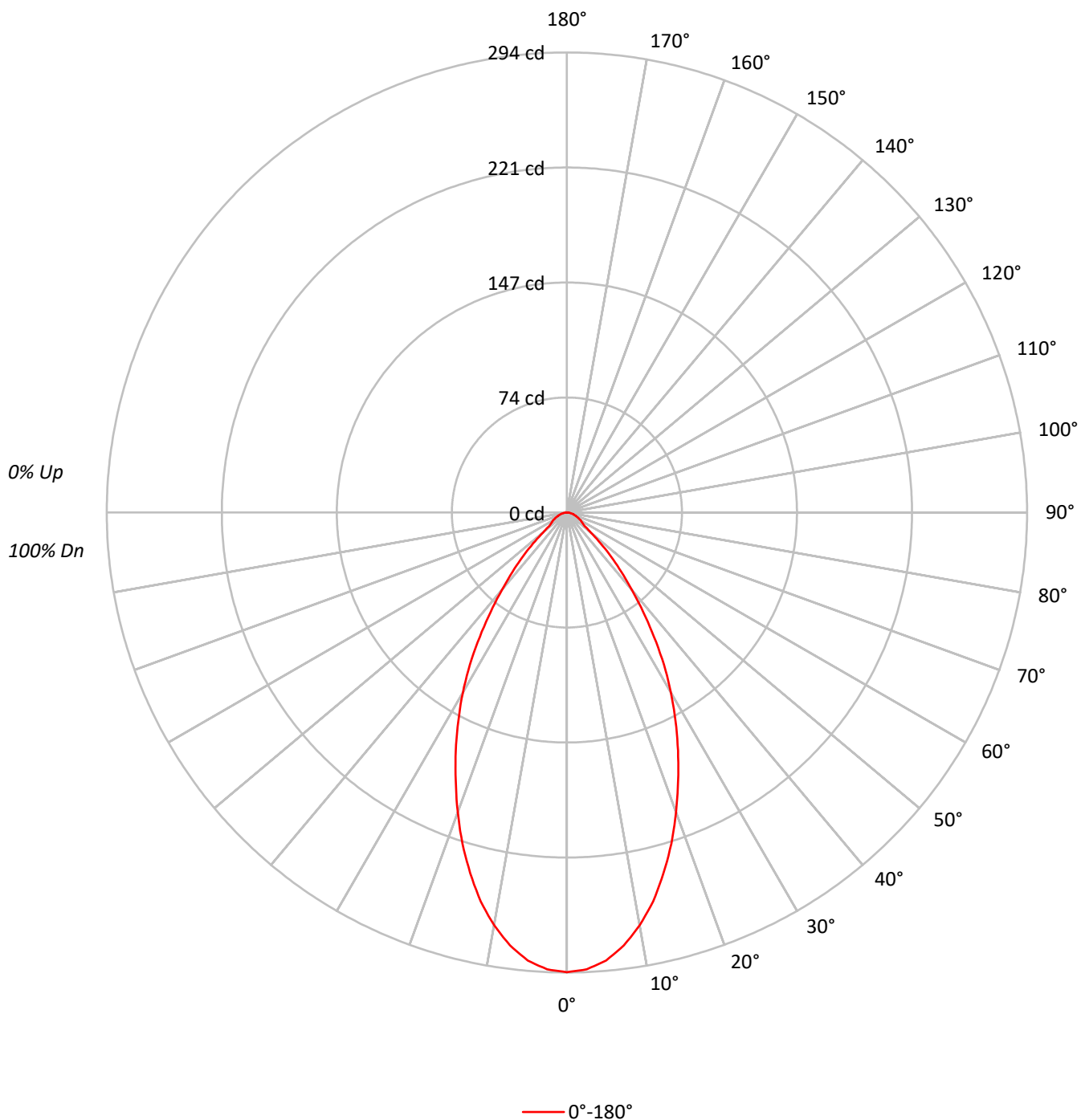
Lumens per Lamp: N/A
Luminaire Lumens: 286.9 lumens
Efficiency: N/A
Efficacy: 25.9 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	58	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	64425
5°	63262
10°	59629
15°	54166
20°	47581
25°	40623
30°	33651
35°	25966
40°	18463
45°	12435
50°	6789
55°	4779
60°	4517
65°	4151
70°	3719
75°	3558
80°	2778
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12435 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.8	9.3
10°-20°	66.5	23.2
20°-30°	76.8	26.8
30°-40°	60.6	21.1
40°-50°	31.1	10.8
50°-60°	11.9	4.1
60°-70°	7.9	2.7
70°-80°	4.3	1.5
80°-90°	1.3	0.4
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°	170.1	59.3
0°-40°	230.6	80.4
0°-60°	273.6	95.3
0°-90°	286.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	286.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	294	
5°	287	27
15°	239	66
25°	168	77
35°	97	61
45°	40	31
55°	12	12
65°	8	8
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	293.8
2.5°	292.2
5°	287.4
7.5°	279.0
10°	267.8
12.5°	254.6
15°	238.6
17.5°	221.9
20°	203.9
22.5°	185.6
25°	167.9
27.5°	150.3
30°	132.9
32.5°	115.3
35°	97.0
37.5°	80.0
40°	64.5
42.5°	51.4
45°	40.1
47.5°	29.2
50°	19.9
52.5°	14.4
55°	12.5
57.5°	11.2
60°	10.3
62.5°	9.0
65°	8.0
67.5°	6.7
70°	5.8
72.5°	4.8
75°	4.2
77.5°	3.2
80°	2.2
82.5°	1.9
85°	1.0
87.5°	0.6
90°	0.0

(END OF REPORT)