

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: P1296031

Luminaire Tested: P3A13R25W2N902750DE010 E3DLD1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1296031
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R25W2N902750DE010 E3DLD1GPH_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

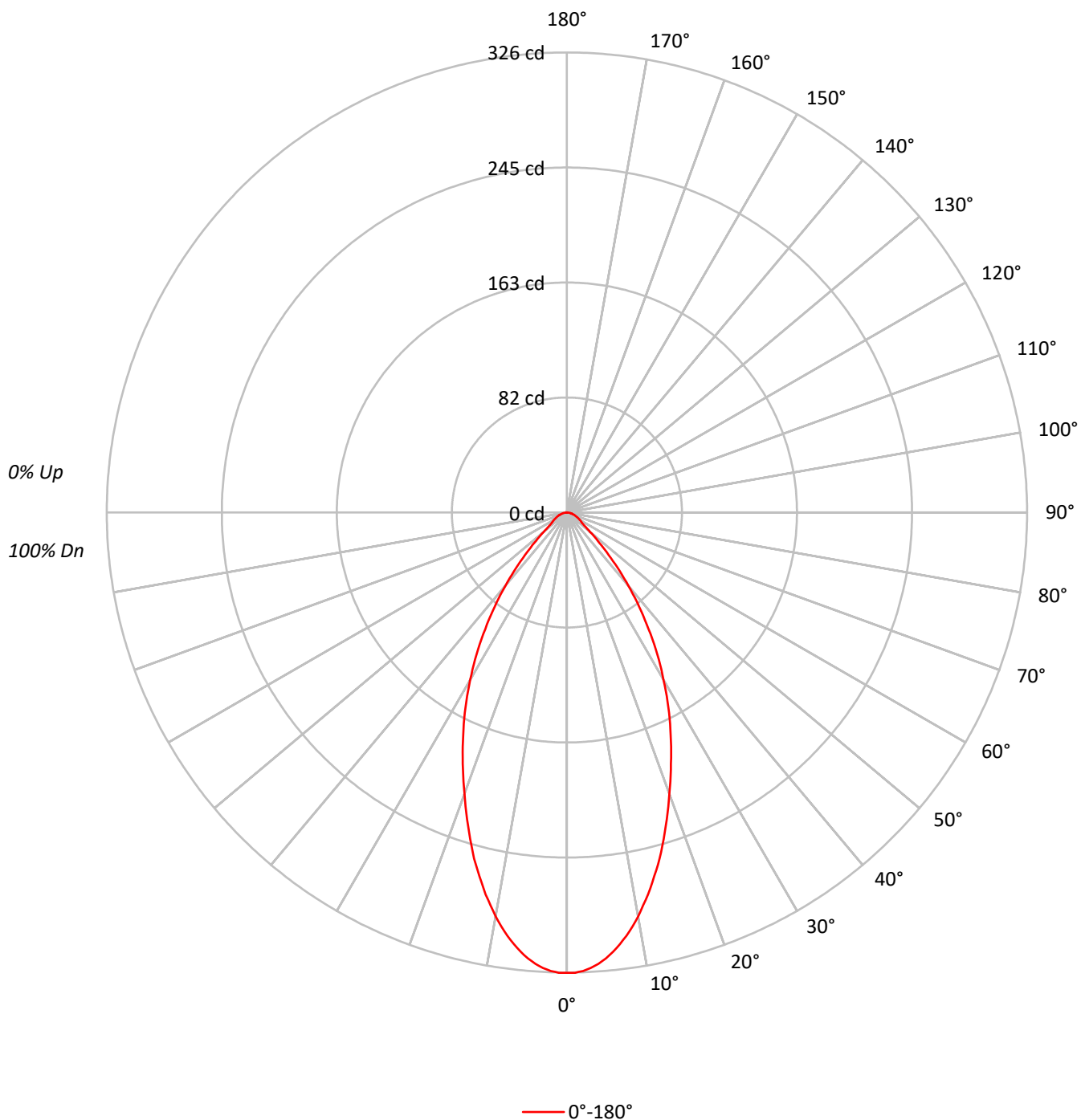
Lumens per Lamp: N/A
Luminaire Lumens: 301.0 lumens
Efficiency: N/A
Efficacy: 24.5 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 12.3
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	112	109	106	104	110	107	105	102	103	101	99		99	98	96		96	94	93	91
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89	87	85	83
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		83	80	78	76
4	94	85	79	74	92	84	78	74	82	77	73		80	76	72		78	74	71	70
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73	69	66	64
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69	64	61	59
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65	60	57	55
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61	56	53	51
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57	53	49	48
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54	50	46	45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	71529
5°	69822
10°	64706
15°	57639
20°	49518
25°	42099
30°	34664
35°	27010
40°	19436
45°	12311
50°	7300
55°	5008
60°	4605
65°	4255
70°	3847
75°	3474
80°	3283
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 12311 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.4	9.8
10°-20°	70.5	23.4
20°-30°	79.6	26.5
30°-40°	63.0	20.9
40°-50°	31.8	10.6
50°-60°	12.7	4.2
60°-70°	8.1	2.7
70°-80°	4.5	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°	179.5	59.6
0°-40°	242.5	80.6
0°-60°	287.1	95.4
0°-90°	301.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	301.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	326	
5°	317	29
15°	254	70
25°	174	80
35°	101	63
45°	40	32
55°	13	13
65°	8	8
75°	4	4
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	326.2
1°	326.2
2°	325.1
3°	323.2
4°	320.6
5°	317.2
6°	313.1
7°	308.2
8°	303.0
9°	297.0
10°	290.6
11°	283.5
12°	276.7
13°	268.9
14°	261.4
15°	253.9
17.5°	232.9
20°	212.2
22.5°	192.7
25°	174.0
27.5°	155.6
30°	136.9
32.5°	119.2
35°	100.9
37.5°	84.0
40°	67.9
42.5°	52.9
45°	39.7
47.5°	29.6
50°	21.4
52.5°	16.1
55°	13.1
57.5°	12.0
60°	10.5
62.5°	9.4
65°	8.2
67.5°	7.1
70°	6.0
72.5°	5.2
75°	4.1
77.5°	3.4
80°	2.6
82.5°	1.9
85°	1.1
87.5°	0.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)