

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: P1296039

Luminaire Tested: P3A13R25W2N902750DE010 E3DLD1H_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1296039
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 E3DLD1H_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 90CRI ,
E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

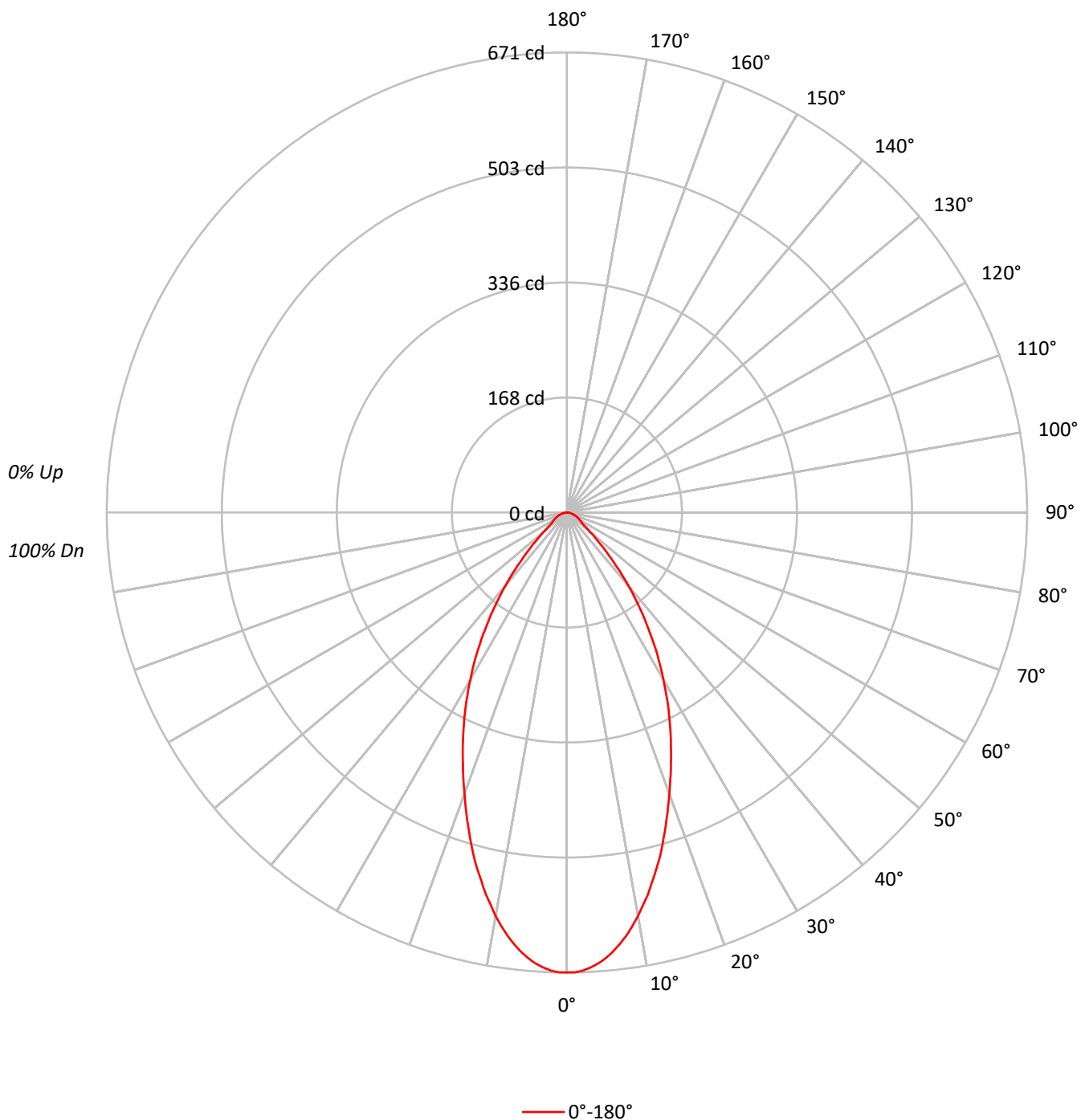
Lumens per Lamp: N/A
Luminaire Lumens: 619.0 lumens
Efficiency: N/A
Efficacy: 50.3 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	147115
5°	143605
10°	133064
15°	118525
20°	101859
25°	86570
30°	71277
35°	55519
40°	39961
45°	25336
50°	15010
55°	10322
60°	9473
65°	8821
70°	7886
75°	7202
80°	6819
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 25336 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.5	9.8
10°-20°	144.9	23.4
20°-30°	163.8	26.5
30°-40°	129.5	20.9
40°-50°	65.4	10.6
50°-60°	26.2	4.2
60°-70°	16.8	2.7
70°-80°	9.2	1.5
80°-90°	2.6	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°	369.2	59.6
0°-40°	498.7	80.6
0°-60°	590.4	95.4
0°-90°	619.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	619.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	671	
5°	652	61
15°	522	145
25°	358	164
35°	207	130
45°	82	65
55°	27	26
65°	17	17
75°	8	9
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	670.9
1°	670.9
2°	668.6
3°	664.7
4°	659.3
5°	652.4
6°	643.9
7°	633.9
8°	623.1
9°	610.7
10°	597.6
11°	583.0
12°	569.1
13°	552.9
14°	537.5
15°	522.1
17.5°	478.9
20°	436.5
22.5°	396.4
25°	357.8
27.5°	320.0
30°	281.5
32.5°	245.2
35°	207.4
37.5°	172.7
40°	139.6
42.5°	108.7
45°	81.7
47.5°	60.9
50°	44.0
52.5°	33.2
55°	27.0
57.5°	24.7
60°	21.6
62.5°	19.3
65°	17.0
67.5°	14.7
70°	12.3
72.5°	10.8
75°	8.5
77.5°	6.9
80°	5.4
82.5°	3.9
85°	2.3
87.5°	0.8



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)