

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: P1296038

Luminaire Tested: P3A13R25W2N902750DE010 E3DLD1H_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1296038
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_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

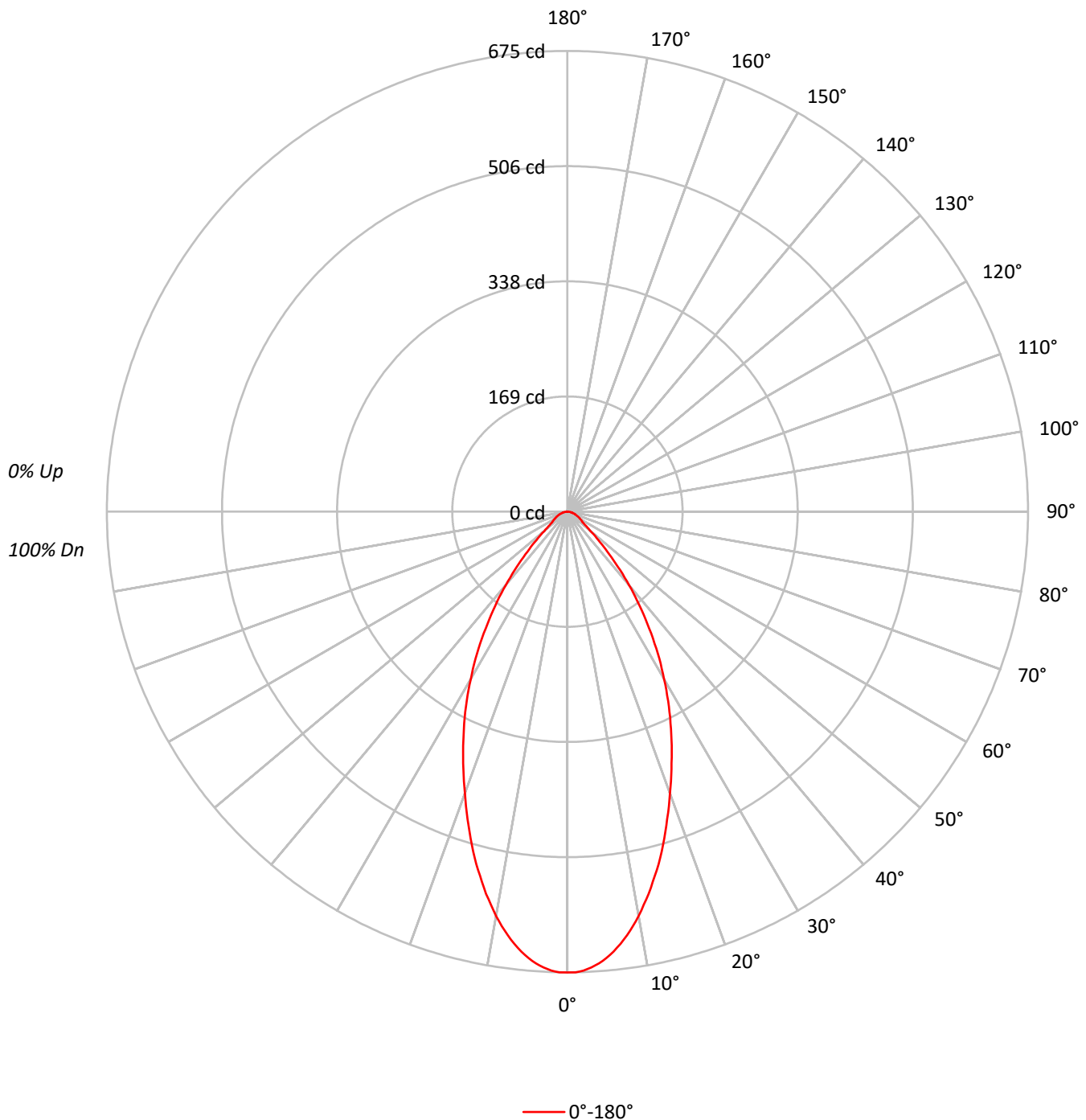
Lumens per Lamp: N/A
Luminaire Lumens: 623.0 lumens
Efficiency: N/A
Efficacy: 50.6 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	148058
5°	144530
10°	133932
15°	119274
20°	102512
25°	87126
30°	71733
35°	55894
40°	40218
45°	25522
50°	15078
55°	10399
60°	9517
65°	8873
70°	7950
75°	7202
80°	6819
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 25522 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.9	9.8
10°-20°	145.9	23.4
20°-30°	164.8	26.5
30°-40°	130.4	20.9
40°-50°	65.8	10.6
50°-60°	26.4	4.2
60°-70°	16.9	2.7
70°-80°	9.3	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°	371.6	59.6
0°-40°	502.0	80.6
0°-60°	594.2	95.4
0°-90°	623.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	623.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	675	
5°	657	61
15°	525	146
25°	360	165
35°	209	130
45°	82	66
55°	27	26
65°	17	17
75°	8	9
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	675.2
1°	675.2
2°	672.9
3°	669.0
4°	663.6
5°	656.6
6°	648.1
7°	638.0
8°	627.1
9°	614.7
10°	601.5
11°	586.8
12°	572.8
13°	556.5
14°	541.0
15°	525.4
17.5°	482.0
20°	439.3
22.5°	398.9
25°	360.1
27.5°	322.1
30°	283.3
32.5°	246.8
35°	208.8
37.5°	173.9
40°	140.5
42.5°	109.4
45°	82.3
47.5°	61.3
50°	44.2
52.5°	33.4
55°	27.2
57.5°	24.8
60°	21.7
62.5°	19.4
65°	17.1
67.5°	14.7
70°	12.4
72.5°	10.9
75°	8.5
77.5°	7.0
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)