

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: P1296000

Luminaire Tested: P3A13R25W2N902750DE010 E3DL1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1296000
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R25W2N902750DE010 E3DL1GPH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

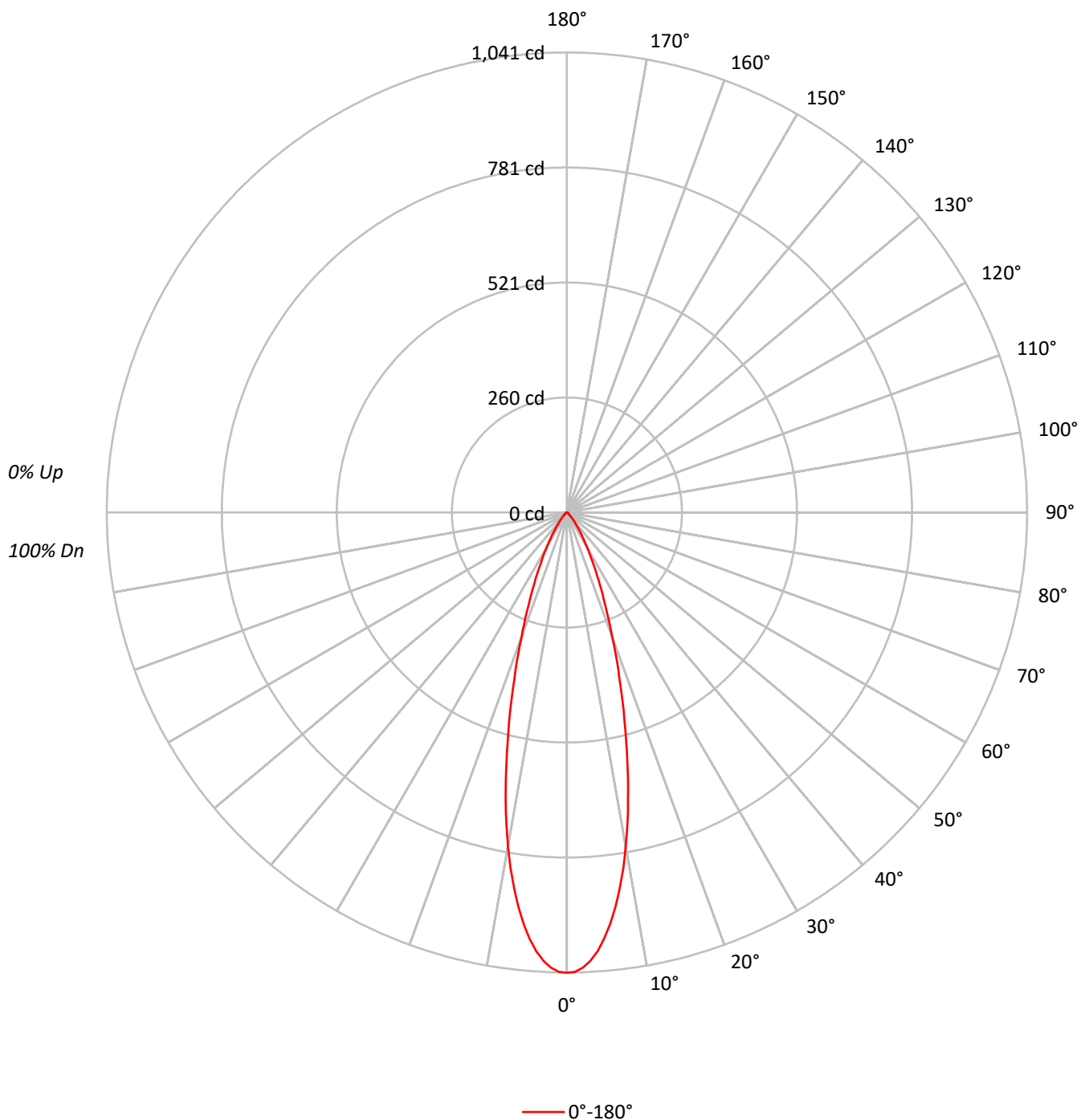
Lumens per Lamp: N/A
Luminaire Lumens: 356.0 lumens
Efficiency: N/A
Efficacy: 28.9 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	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	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95						
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90						
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86						
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82						
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78						
6	94	86	81	78	92	86	81	78	84	80	77	83	79	77	82	78	76	75						
7	90	83	78	74	89	82	77	74	81	77	74	80	76	73	79	75	73	72						
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70	69						
9	84	76	71	68	83	76	71	68	75	71	68	74	70	68	73	70	67	66						
10	81	73	69	65	80	73	68	65	72	68	65	72	68	65	71	67	65	64						

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	228359
5°	213052
10°	170672
15°	115846
20°	70099
25°	40986
30°	23345
35°	12849
40°	6813
45°	3597
50°	2081
55°	1567
60°	1360
65°	1401
70°	1282
75°	1186
80°	884
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3597 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.9	24.1
10°-20°	140.3	39.4
20°-30°	80.2	22.5
30°-40°	31.6	8.9
40°-50°	9.7	2.7
50°-60°	3.8	1.1
60°-70°	2.6	0.7
70°-80°	1.4	0.4
80°-90°	0.4	0.1
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°	306.4	86.1
0°-40°	338.0	94.9
0°-60°	351.5	98.8
0°-90°	356.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	356.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1041	
5°	968	86
15°	510	140
25°	169	80
35°	48	32
45°	12	10
55°	4	4
65°	3	3
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1041.4
1°	1039.4
2°	1030.9
3°	1015.9
4°	995.1
5°	967.9
6°	935.9
7°	899.9
8°	858.0
9°	815.2
10°	766.5
11°	718.5
12°	665.8
13°	613.8
14°	560.3
15°	510.3
17.5°	395.7
20°	300.4
22.5°	225.6
25°	169.4
27.5°	125.5
30°	92.2
32.5°	66.7
35°	48.0
37.5°	34.0
40°	23.8
42.5°	16.3
45°	11.6
47.5°	8.2
50°	6.1
52.5°	4.8
55°	4.1
57.5°	3.7
60°	3.1
62.5°	2.7
65°	2.7
67.5°	2.4
70°	2.0
72.5°	1.7
75°	1.4
77.5°	1.0
80°	0.7
82.5°	0.7
85°	0.3
87.5°	0.3



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)