

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: P1299843

Luminaire Tested: P3A17R25W2N902750DE010 E3DLD1MW_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1299843
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: P3A17R25W2N902750DE010 E3DLD1MW_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 4000K CCT AND, 90CRI ,
E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

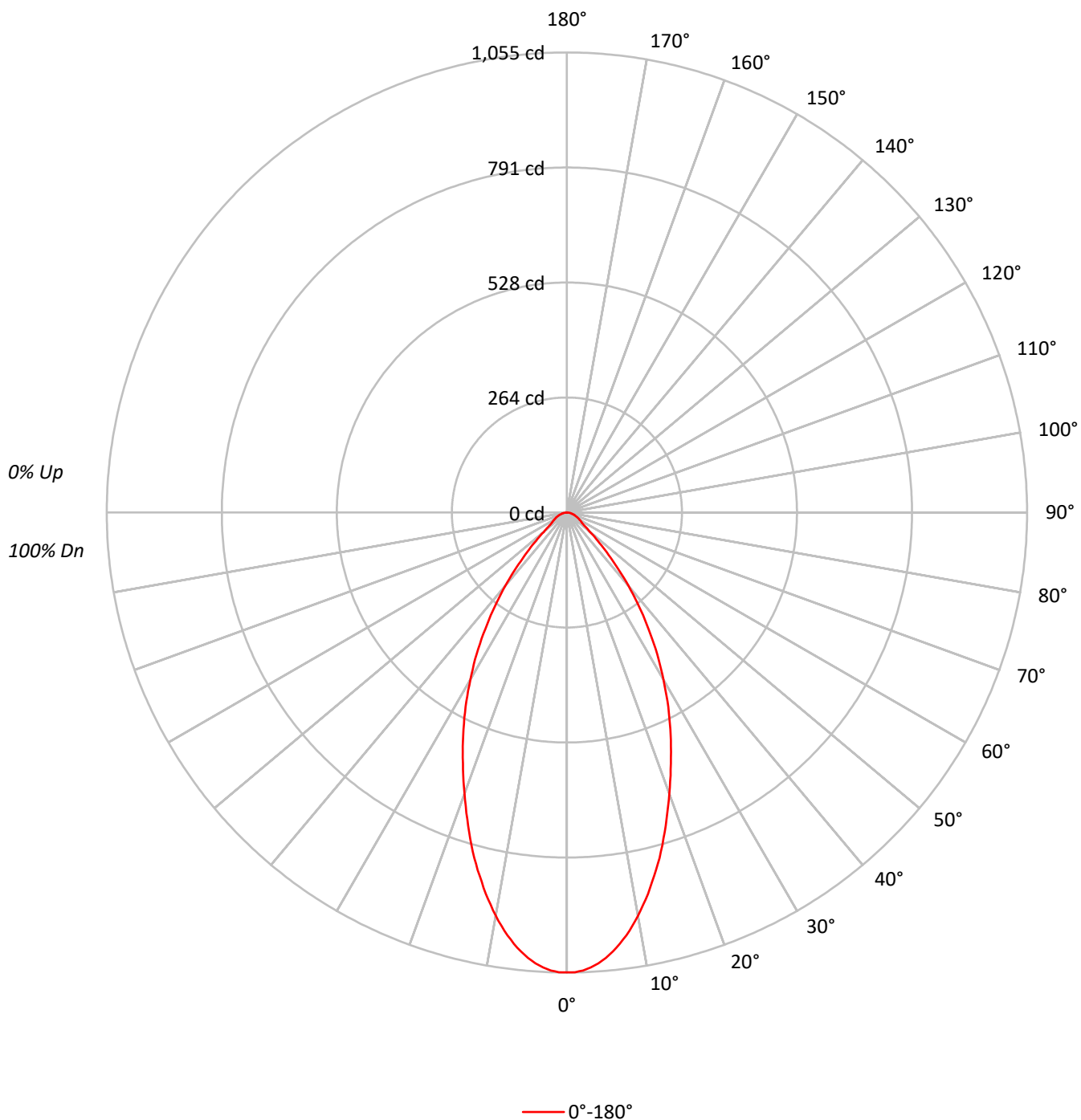
Lumens per Lamp: N/A
Luminaire Lumens: 973.0 lumens
Efficiency: N/A
Efficacy: 50.2 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 19.4
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°	231253
5°	225731
10°	209170
15°	186289
20°	160104
25°	136072
30°	112017
35°	87294
40°	62803
45°	39849
50°	23573
55°	16210
60°	14867
65°	13854
70°	12438
75°	11268
80°	10734
85°	9057

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 39849 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	95.1	9.8
10°-20°	227.8	23.4
20°-30°	257.4	26.5
30°-40°	203.6	20.9
40°-50°	102.9	10.6
50°-60°	41.2	4.2
60°-70°	26.4	2.7
70°-80°	14.5	1.5
80°-90°	4.1	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°	580.3	59.6
0°-40°	783.9	80.6
0°-60°	927.9	95.4
0°-90°	973.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	973.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1055	
5°	1026	95
15°	821	228
25°	562	257
35°	326	204
45°	128	103
55°	42	41
65°	27	26
75°	13	15
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1054.6
1°	1054.6
2°	1050.9
3°	1044.9
4°	1036.4
5°	1025.5
6°	1012.1
7°	996.4
8°	979.4
9°	960.0
10°	939.4
11°	916.4
12°	894.6
13°	869.1
14°	844.9
15°	820.6
17.5°	752.7
20°	686.1
22.5°	623.0
25°	562.4
27.5°	503.0
30°	442.4
32.5°	385.5
35°	326.1
37.5°	271.5
40°	219.4
42.5°	170.9
45°	128.5
47.5°	95.8
50°	69.1
52.5°	52.1
55°	42.4
57.5°	38.8
60°	33.9
62.5°	30.3
65°	26.7
67.5°	23.0
70°	19.4
72.5°	17.0
75°	13.3
77.5°	10.9
80°	8.5
82.5°	6.1
85°	3.6
87.5°	1.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)