

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: P1296136

Luminaire Tested: P3A13R25W2N902765DE010 E3CD1MW_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1296136
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R25W2N902765DE010 E3CD1MW_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

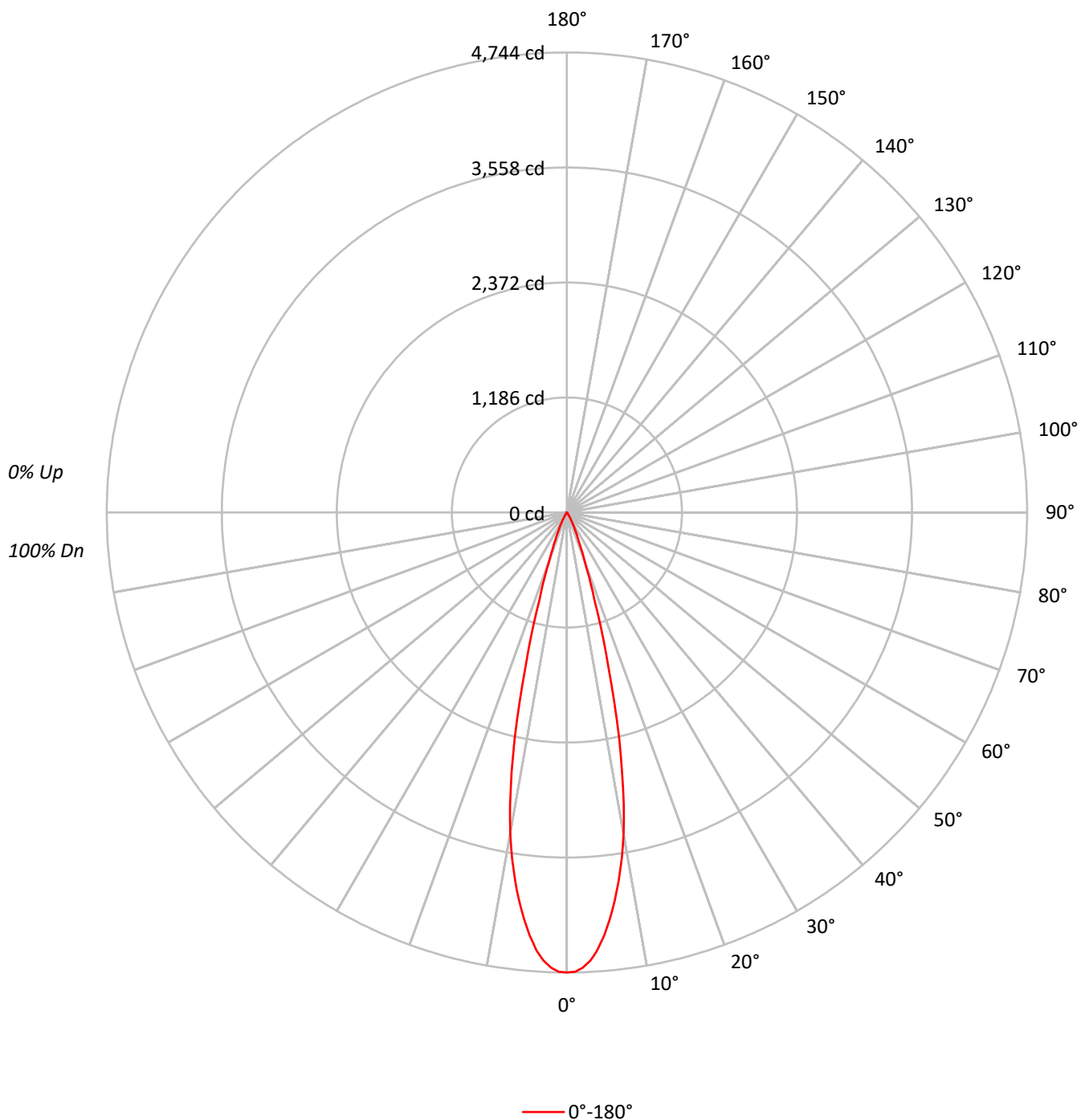
Lumens per Lamp: N/A
Luminaire Lumens: 973.0 lumens
Efficiency: N/A
Efficacy: 79.1 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	115	113	111	110	113	111	109	108	107	106	105	103	103	102	100	99	99	97			
2	112	108	105	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94			
3	108	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92			
4	105	100	97	94	104	99	96	93	97	95	92	96	93	91	94	92	90	89			
5	103	97	93	90	101	96	93	90	95	92	89	93	91	89	92	90	88	87			
6	100	94	90	87	99	93	90	87	92	89	87	91	88	86	90	87	86	85			
7	97	91	88	85	96	91	87	85	90	87	84	89	86	84	88	85	83	83			
8	95	89	85	83	94	89	85	82	88	84	82	87	84	82	86	83	81	81			
9	93	87	83	80	92	86	83	80	86	82	80	85	82	80	84	82	80	79			
10	91	85	81	78	90	84	81	78	84	80	78	83	80	78	82	80	78	77			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1040268
5°	964823
10°	748238
15°	375189
20°	123257
25°	49019
30°	18383
35°	5327
40°	2405
45°	961
50°	785
55°	573
60°	658
65°	778
70°	513
75°	678
80°	1010
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 1010 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	385.5	39.6
10°-20°	460.0	47.3
20°-30°	103.7	10.7
30°-40°	16.8	1.7
40°-50°	3.1	0.3
50°-60°	1.6	0.2
60°-70°	1.4	0.1
70°-80°	0.8	0.1
80°-90°	0.1	0.0
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°	949.2	97.6
0°-40°	966.0	99.3
0°-60°	970.7	99.8
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°	4744	
5°	4383	386
15°	1653	460
25°	203	104
35°	20	17
45°	3	3
55°	2	2
65°	2	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	4744.0
1°	4736.4
2°	4698.2
3°	4627.9
4°	4521.6
5°	4383.2
6°	4218.1
7°	4039.2
8°	3834.4
9°	3610.4
10°	3360.4
11°	3072.2
12°	2740.5
13°	2393.4
14°	2021.2
15°	1652.7
17.5°	941.8
20°	528.2
22.5°	318.8
25°	202.6
27.5°	124.6
30°	72.6
32.5°	38.2
35°	19.9
37.5°	13.0
40°	8.4
42.5°	5.4
45°	3.1
47.5°	2.3
50°	2.3
52.5°	2.3
55°	1.5
57.5°	1.5
60°	1.5
62.5°	1.5
65°	1.5
67.5°	1.5
70°	0.8
72.5°	0.8
75°	0.8
77.5°	0.8
80°	0.8
82.5°	0.0
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)