

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: P1296166

Luminaire Tested: P3A13R25W2N902765DE010 E3D1WMH_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1296166
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R25W2N902765DE010 E3D1WMH_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

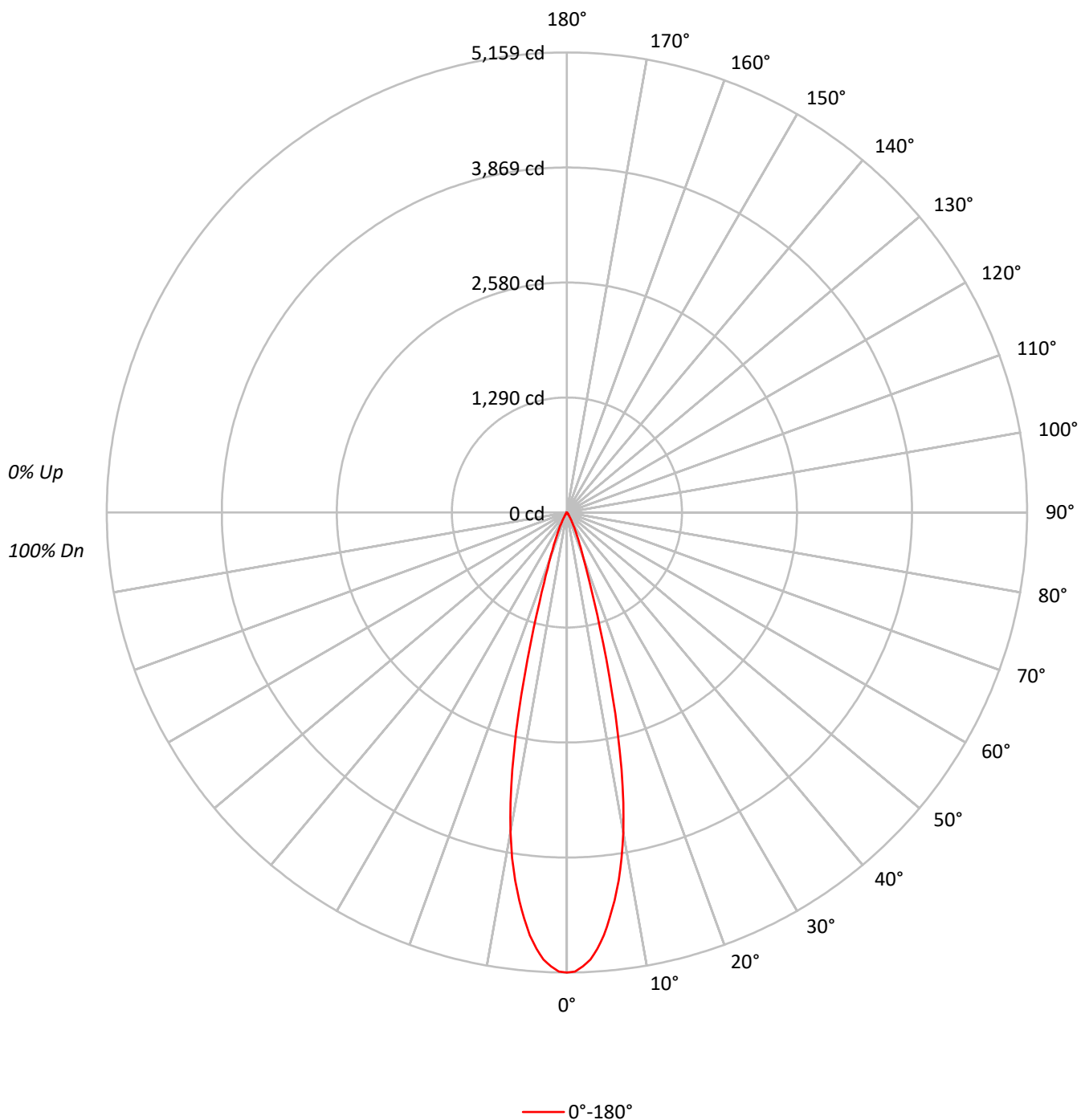
Lumens per Lamp: N/A
Luminaire Lumens: 1033.0 lumens
Efficiency: N/A
Efficacy: 84.0 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.4
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	99
1	115	113	111	110	113	111	110	108	107	106	105	104	103	102	100	99	99	97	96	96
2	112	108	106	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94	93	93
3	109	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	91	91
4	106	101	97	94	104	100	96	94	98	95	92	96	93	91	94	92	90	89	88	88
5	103	97	93	91	101	96	93	90	95	92	90	93	91	89	92	90	88	87	86	86
6	100	94	90	88	99	94	90	87	92	89	87	91	88	86	90	88	86	85	84	84
7	98	92	88	85	97	91	87	85	90	87	84	89	86	84	88	86	84	83	82	82
8	95	89	85	83	94	89	85	83	88	85	82	87	84	82	86	84	82	81	80	80
9	93	87	83	81	92	86	83	80	86	83	80	85	82	80	84	82	80	79	78	78
10	91	85	81	79	90	84	81	79	84	81	78	83	80	78	83	80	78	77	76	76

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1131335
5°	1048005
10°	810851
15°	387289
20°	127691
25°	53834
30°	20864
35°	9021
40°	3006
45°	1395
50°	512
55°	268
60°	175
65°	208
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1395 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	418.5	40.5
10°-20°	476.0	46.1
20°-30°	110.6	10.7
30°-40°	23.2	2.2
40°-50°	3.7	0.4
50°-60°	0.6	0.1
60°-70°	0.3	0.0
70°-80°	0.0	0.0
80°-90°	0.0	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°	1005.1	97.3
0°-40°	1028.3	99.5
0°-60°	1032.6	100.0
0°-90°	1033.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1033.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5159	
5°	4761	419
15°	1706	476
25°	222	111
35°	34	23
45°	4	4
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	5159.3
1°	5148.8
2°	5095.2
3°	5019.9
4°	4905.0
5°	4761.1
6°	4576.5
7°	4383.2
8°	4166.4
9°	3921.8
10°	3641.6
11°	3316.9
12°	2944.2
13°	2536.0
14°	2109.0
15°	1706.0
16°	1349.5
17°	1051.3
18°	827.0
19°	661.4
20°	547.2
21°	457.3
22°	383.9
23°	320.6
24°	268.2
25°	222.5
27.5°	131.8
30°	82.4
32.5°	52.8
35°	33.7
37.5°	20.2
40°	10.5
42.5°	6.7
45°	4.5
47.5°	2.6
50°	1.5
52.5°	0.7
55°	0.7
57.5°	0.4
60°	0.4
62.5°	0.4
65°	0.4
67.5°	0.4
70°	0.0
72.5°	0.0



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CANDELA DISTRIBUTION (continued):

	0°
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)