

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: P1295358

Luminaire Tested: P3A13R15W2N902750DE010 E3D1WMH_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1295358
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R15W2N902750DE010 E3D1WMH_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,
E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

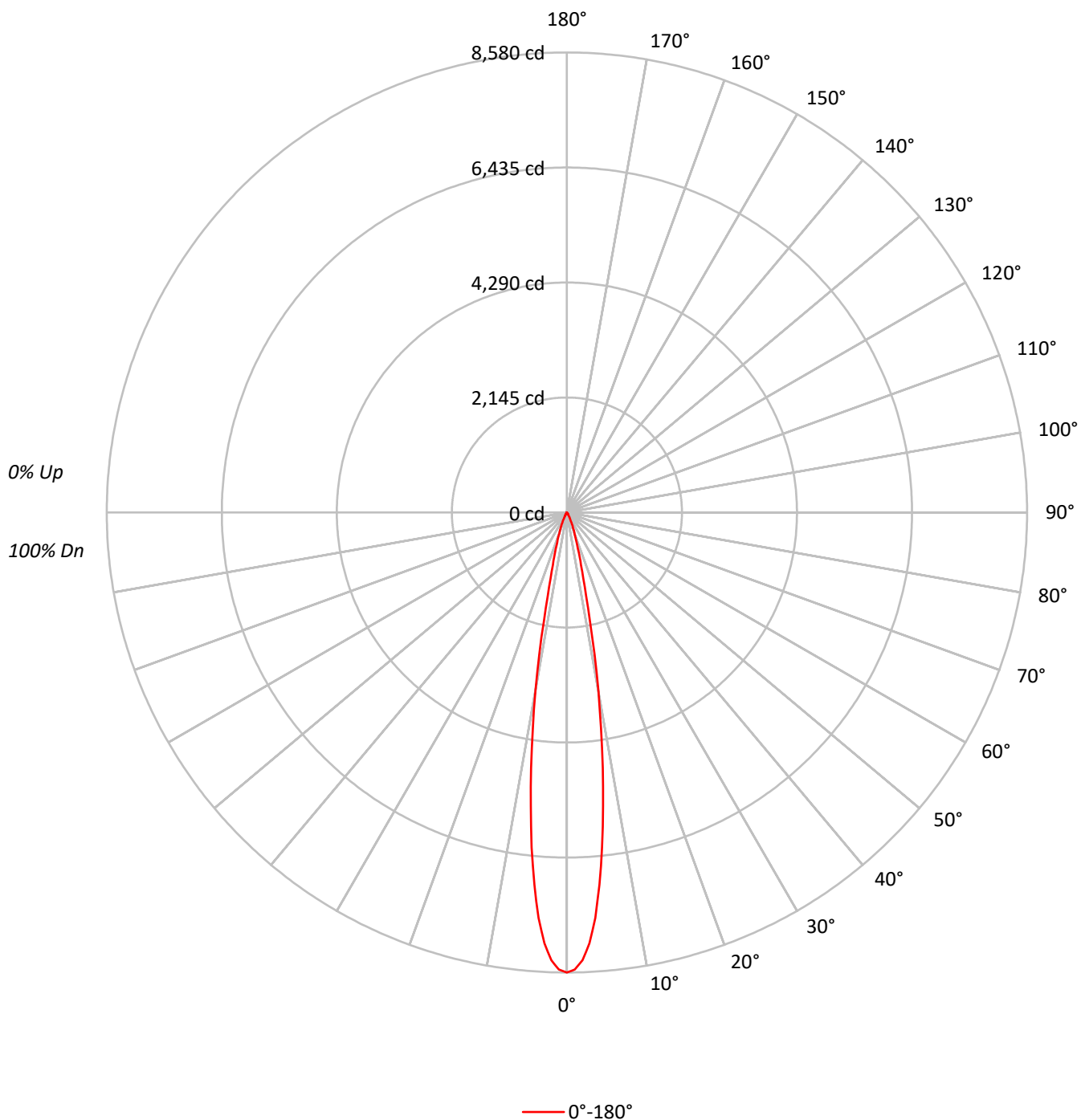
Lumens per Lamp: N/A
Luminaire Lumens: 988.0 lumens
Efficiency: N/A
Efficacy: 80.3 lumens/watt
Spacing Criteria (0/90/45): 0.3 / 0.3 / 0.29
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	116	114	112	111		113	112	110	109		108	107	105		104	103	102		101	100	99		98			
2	112	109	107	105		110	108	105	103		105	103	101		102	100	99		99	98	97		96			
3	110	106	102	100		108	104	102	99		102	100	98		100	98	96		98	96	95		94			
4	107	102	99	96		105	101	98	96		99	97	95		98	96	94		96	94	93		92			
5	105	100	96	94		103	99	96	93		97	94	92		96	93	92		94	93	91		90			
6	102	97	94	91		101	96	93	91		95	92	90		94	92	90		93	91	89		88			
7	100	95	91	89		99	94	91	89		93	90	88		92	90	88		91	89	88		87			
8	98	93	89	87		97	92	89	87		91	89	87		91	88	86		90	88	86		85			
9	96	91	88	85		96	91	87	85		90	87	85		89	87	85		88	86	85		84			
10	95	89	86	84		94	89	86	84		88	85	83		88	85	83		87	85	83		82			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1881406
5°	1534158
10°	751333
15°	229967
20°	97378
25°	44059
30°	17167
35°	7924
40°	2462
45°	930
50°	375
55°	153
60°	175
65°	208
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 930 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	542.5	54.9
10°-20°	332.9	33.7
20°-30°	89.4	9.1
30°-40°	19.7	2.0
40°-50°	2.8	0.3
50°-60°	0.5	0.1
60°-70°	0.2	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°	964.8	97.7
0°-40°	984.5	99.6
0°-60°	987.8	100.0
0°-90°	988.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	988.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	8580	
5°	6970	543
15°	1013	333
25°	182	89
35°	30	20
45°	3	3
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	8579.9
1°	8526.3
2°	8354.4
3°	8044.5
4°	7578.1
5°	6969.7
6°	6281.5
7°	5515.0
8°	4810.7
9°	4064.0
10°	3374.3
11°	2691.8
12°	2071.0
13°	1593.0
14°	1261.0
15°	1013.0
17.5°	627.9
20°	417.3
22.5°	281.0
25°	182.1
27.5°	107.9
30°	67.8
32.5°	45.7
35°	29.6
37.5°	16.5
40°	8.6
42.5°	4.9
45°	3.0
47.5°	1.9
50°	1.1
52.5°	0.7
55°	0.4
57.5°	0.4
60°	0.4
62.5°	0.4
65°	0.4
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
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)