

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: P1295995

Luminaire Tested: P3A13R25W2N902750DE010 E3D1WMH_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1295995
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: P3A13R25W2N902750DE010 E3D1WMH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI ,
E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

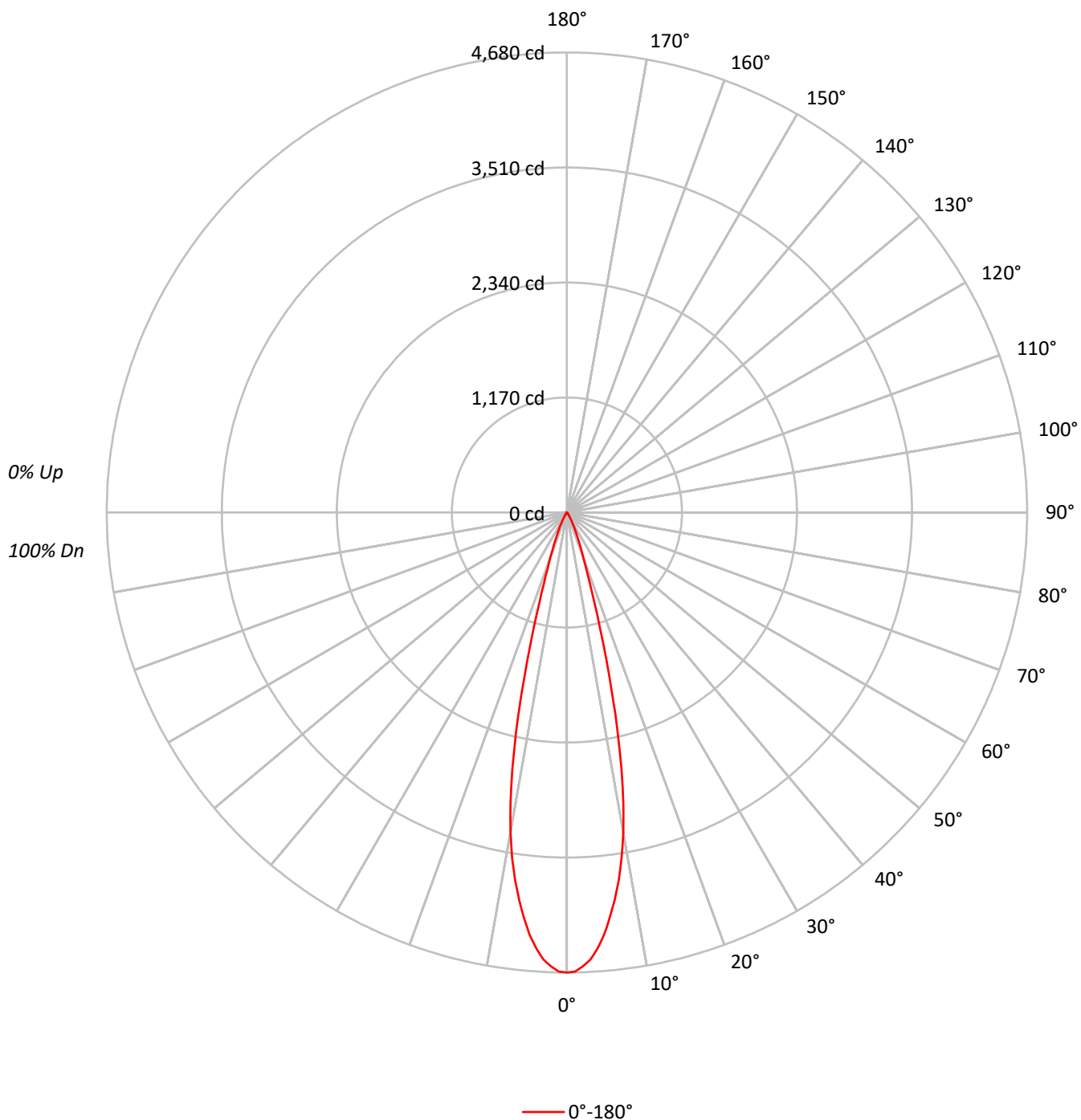
Lumens per Lamp: N/A
Luminaire Lumens: 937.0 lumens
Efficiency: N/A
Efficacy: 76.2 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.4
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1295995

CATALOG NUMBER: P3A13R25W2N902750DE010 E3D1WMH_2700K

Luminous Intensity Polar Plot





TEST NUMBER: P1295995

CATALOG NUMBER: P3A13R25W2N902750DE010 E3D1WMH_2700K

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1026190
5°	950625
10°	735502
15°	351307
20°	115813
25°	48825
30°	18914
35°	8191
40°	2719
45°	1271
50°	478
55°	268
60°	132
65°	156
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1271 cd/sqm

TEST NUMBER: P1295995

CATALOG NUMBER: P3A13R25W2N902750DE010 E3D1WMH_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	379.6	40.5
10°-20°	431.7	46.1
20°-30°	100.3	10.7
30°-40°	21.0	2.2
40°-50°	3.4	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°	911.7	97.3
0°-40°	932.7	99.5
0°-60°	936.7	100.0
0°-90°	937.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	937.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4680	
5°	4319	380
15°	1548	432
25°	202	100
35°	31	21
45°	4	3
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1295995

CATALOG NUMBER: P3A13R25W2N902750DE010 E3D1WMH_2700K

CANDELA DISTRIBUTION (FULL):

0°	
0°	4679.8
1°	4670.3
2°	4621.7
3°	4553.4
4°	4449.1
5°	4318.7
6°	4151.2
7°	3975.9
8°	3779.2
9°	3557.3
10°	3303.2
11°	3008.7
12°	2670.6
13°	2300.3
14°	1913.0
15°	1547.5
16°	1224.1
17°	953.6
18°	750.1
19°	600.0
20°	496.3
21°	414.8
22°	348.2
23°	290.8
24°	243.2
25°	201.8
27.5°	119.6
30°	74.7
32.5°	47.9
35°	30.6
37.5°	18.3
40°	9.5
42.5°	6.1
45°	4.1
47.5°	2.4
50°	1.4
52.5°	0.7
55°	0.7
57.5°	0.3
60°	0.3
62.5°	0.3
65°	0.3
67.5°	0.3
70°	0.0
72.5°	0.0



TEST NUMBER: P1295995

CATALOG NUMBER: P3A13R25W2N902750DE010 E3D1WMH_2700K

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)