

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: P1296172

Luminaire Tested: P3A13R25W2N902765DE010 E3DL1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1296172
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R25W2N902765DE010 E3DL1GPH_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

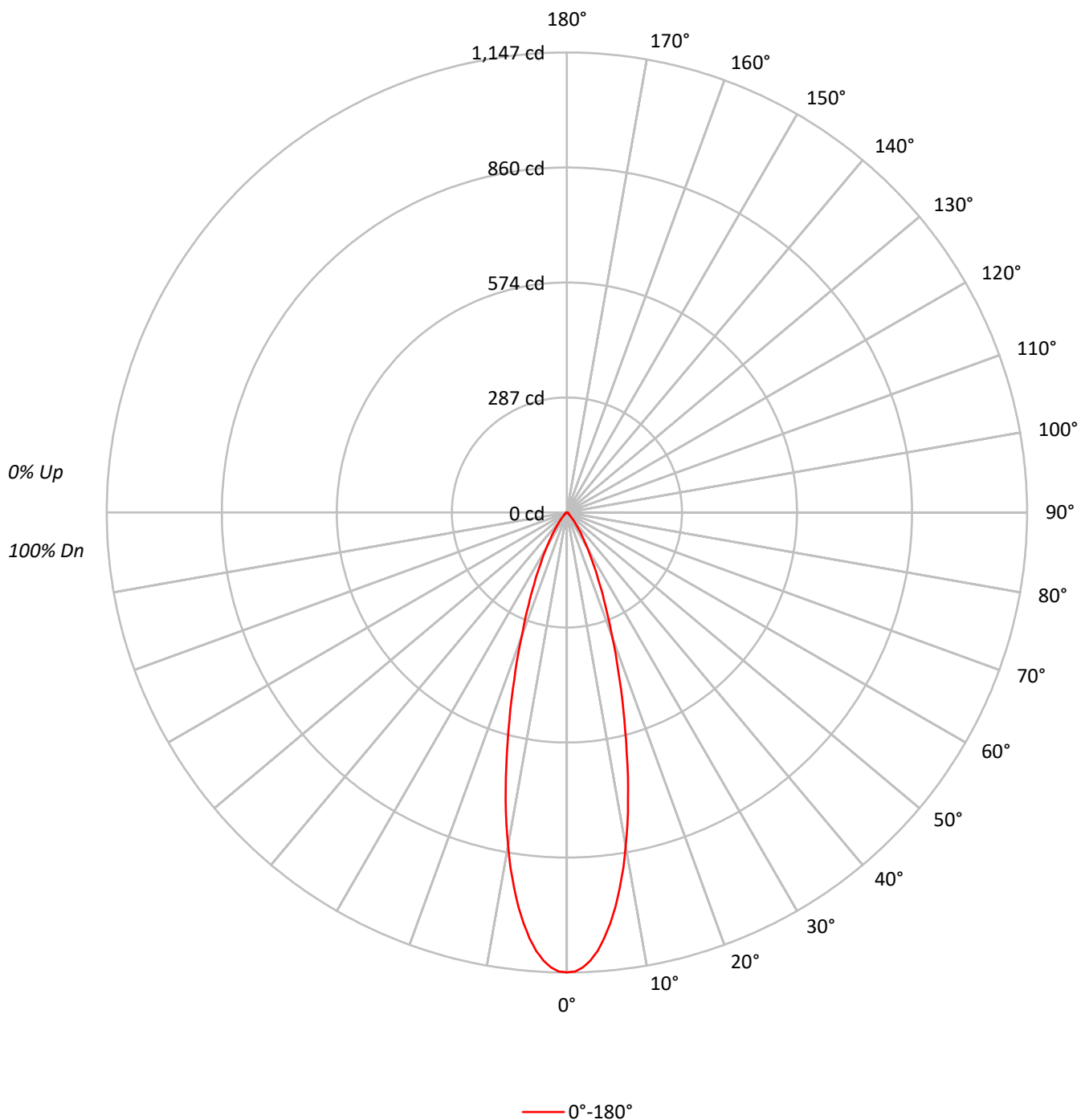
Lumens per Lamp: N/A
Luminaire Lumens: 391.9 lumens
Efficiency: N/A
Efficacy: 31.9 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1296172

CATALOG NUMBER: P3A13R25W2N902765DE010 E3DL1GPH_3000K

Luminous Intensity Polar Plot





TEST NUMBER: P1296172

CATALOG NUMBER: P3A13R25W2N902765DE010 E3DL1GPH_3000K

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	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	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95						
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90						
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86						
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82						
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78						
6	94	86	81	78	92	86	81	78	84	80	77	83	79	77	82	78	76	75						
7	90	83	78	74	89	82	77	74	81	77	74	80	76	73	79	75	73	72						
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70	69						
9	84	76	71	68	83	76	71	68	75	71	68	74	70	68	73	70	67	66						
10	81	73	69	65	80	73	68	65	72	68	65	72	68	65	71	67	65	64						

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	251449
5°	234602
10°	187928
15°	127560
20°	77193
25°	45148
30°	25700
35°	14134
40°	7500
45°	3938
50°	2286
55°	1720
60°	1491
65°	1557
70°	1410
75°	1271
80°	884
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3938 cd/sqm

TEST NUMBER: P1296172

CATALOG NUMBER: P3A13R25W2N902765DE010 E3DL1GPH_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	94.6	24.1
10°-20°	154.5	39.4
20°-30°	88.3	22.5
30°-40°	34.8	8.9
40°-50°	10.7	2.7
50°-60°	4.2	1.1
60°-70°	2.8	0.7
70°-80°	1.6	0.4
80°-90°	0.5	0.1
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°	337.3	86.1
0°-40°	372.2	95.0
0°-60°	387.1	98.8
0°-90°	391.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	391.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1147	
5°	1066	95
15°	562	154
25°	187	88
35°	53	35
45°	13	11
55°	4	4
65°	3	3
75°	2	2
85°	0	1
90°	0	

TEST NUMBER: P1296172

CATALOG NUMBER: P3A13R25W2N902765DE010 E3DL1GPH_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	1146.7
1°	1144.5
2°	1135.1
3°	1118.6
4°	1095.8
5°	1065.8
6°	1030.6
7°	990.9
8°	944.8
9°	897.6
10°	844.0
11°	791.2
12°	733.1
13°	675.8
14°	617.0
15°	561.9
17.5°	435.7
20°	330.8
22.5°	248.4
25°	186.6
27.5°	138.2
30°	101.5
32.5°	73.4
35°	52.8
37.5°	37.5
40°	26.2
42.5°	18.0
45°	12.7
47.5°	9.0
50°	6.7
52.5°	5.2
55°	4.5
57.5°	4.1
60°	3.4
62.5°	3.0
65°	3.0
67.5°	2.6
70°	2.2
72.5°	1.9
75°	1.5
77.5°	1.1
80°	0.7
82.5°	0.7
85°	0.4
87.5°	0.4



TEST NUMBER: P1296172

CATALOG NUMBER: P3A13R25W2N902765DE010 E3DL1GPH_3000K

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)