

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: P1298119

Luminaire Tested: P3A13R55W2N902765DE010 E3DLD1GPH\_3500K

Issue Date: 1/30/2026

**Test Information**

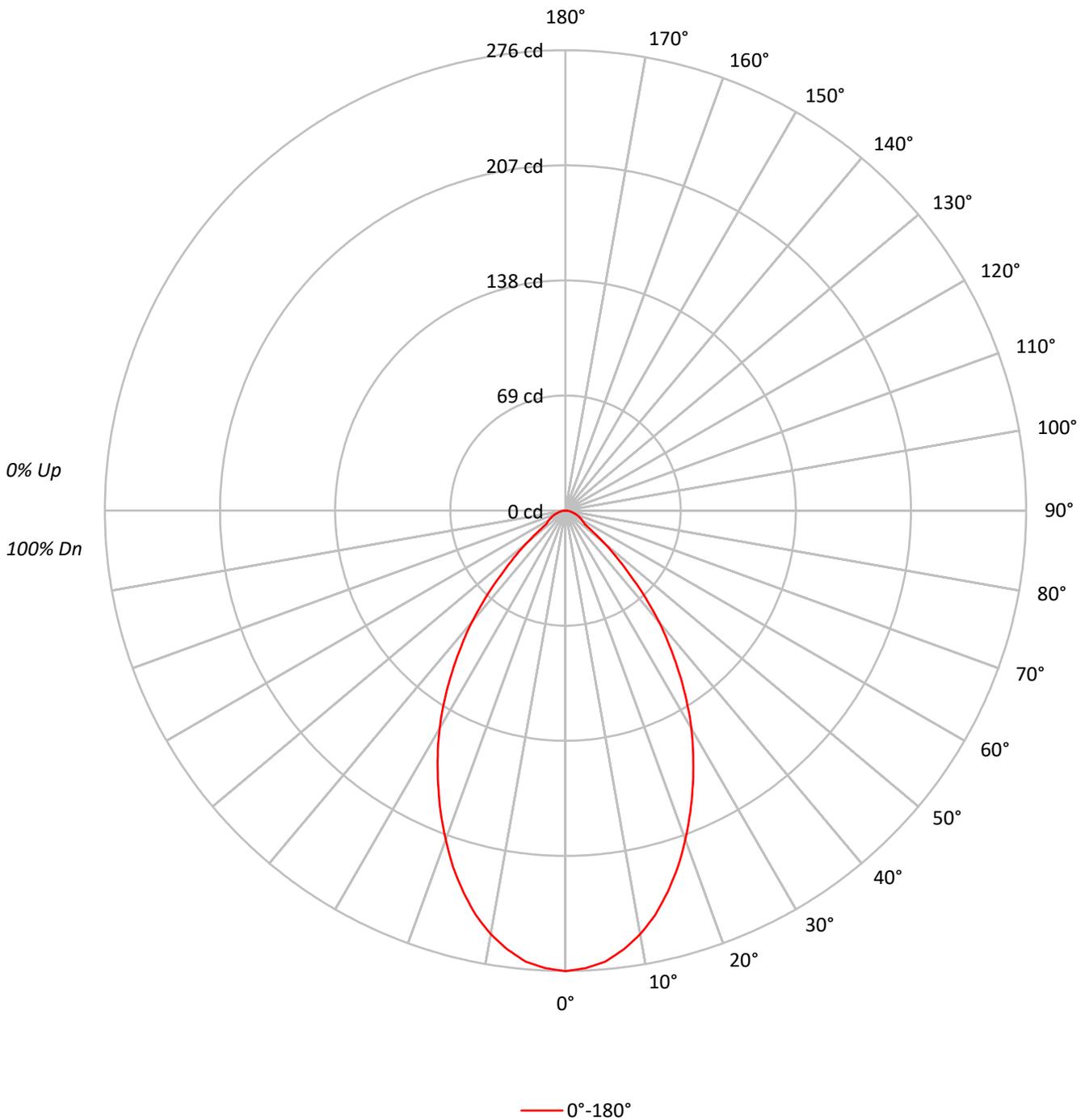
Test Method: LM-79-2019  
Report Number: P1298119  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A13R55W2N902765DE010 E3DLD1GPH\_3500K  
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 3500K CCT AND, 90CRI ,  
E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 322.0 lumens  
Efficiency: N/A  
Efficacy: 26.2 lumens/watt  
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97  
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: P1298119  
CATALOG NUMBER: P3A13R55W2N902765DE010 E3DLD1GPH\_3500K

### Luminous Intensity Polar Plot





TEST NUMBER: P1298119

CATALOG NUMBER: P3A13R55W2N902765DE010 E3DLD1GPH\_3500K

**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	112	109	106	103	110	107	104	102	103	100	98	99	97	96	95	94	93	91			
2	105	100	95	91	103	98	93	90	94	91	88	91	88	86	89	86	84	82			
3	99	91	85	81	97	90	84	80	87	82	79	85	81	77	82	79	76	74			
4	93	84	77	72	91	83	77	72	80	75	71	78	74	70	76	73	69	68			
5	87	77	71	66	85	76	70	65	75	69	65	73	68	64	71	67	64	62			
6	82	72	65	60	80	71	64	60	69	64	59	68	63	59	66	62	58	57			
7	77	67	60	55	76	66	59	55	65	59	54	63	58	54	62	57	54	52			
8	73	62	55	51	72	62	55	51	60	55	50	59	54	50	58	53	50	48			
9	69	58	51	47	68	58	51	47	57	51	47	56	50	46	55	50	46	45			
10	65	55	48	44	64	54	48	44	53	47	43	52	47	43	52	47	43	42			

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	60543
5°	59762
10°	57403
15°	53712
20°	48981
25°	43696
30°	38234
35°	31775
40°	25047
45°	16994
50°	10371
55°	5390
60°	5000
65°	4722
70°	4360
75°	3897
80°	3788
85°	2768

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 16994 cd/sqm



TEST NUMBER: P1298119

CATALOG NUMBER: P3A13R55W2N902765DE010 E3DLD1GPH\_3500K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	25.5	7.9
10°-20°	66.1	20.5
20°-30°	82.8	25.7
30°-40°	73.9	23.0
40°-50°	43.3	13.4
50°-60°	15.0	4.6
60°-70°	9.0	2.8
70°-80°	5.0	1.6
80°-90°	1.4	0.4
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°	174.4	54.2
0°-40°	248.3	77.1
0°-60°	306.5	95.2
0°-90°	322.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	322.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	276	
5°	272	25
15°	237	66
25°	181	83
35°	119	74
45°	55	43
55°	14	15
65°	9	9
75°	5	5
85°	1	1
90°	0	



TEST NUMBER: P1298119

CATALOG NUMBER: P3A13R55W2N902765DE010 E3DLD1GPH\_3500K

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	276.1
2.5°	274.6
5°	271.5
7.5°	265.5
10°	257.8
12.5°	248.3
15°	236.6
17.5°	224.0
20°	209.9
22.5°	195.5
25°	180.6
27.5°	165.8
30°	151.0
32.5°	135.0
35°	118.7
37.5°	102.7
40°	87.5
42.5°	71.1
45°	54.8
47.5°	41.8
50°	30.4
52.5°	19.8
55°	14.1
57.5°	12.6
60°	11.4
62.5°	10.3
65°	9.1
67.5°	8.0
70°	6.8
72.5°	5.7
75°	4.6
77.5°	3.8
80°	3.0
82.5°	1.9
85°	1.1
87.5°	0.8
90°	0.0

(END OF REPORT)