

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: P1298165

Luminaire Tested: P3AS13R55W2N902765DE010 E3DLP1LI\_2700K

Issue Date: 1/30/2026

**Test Information**

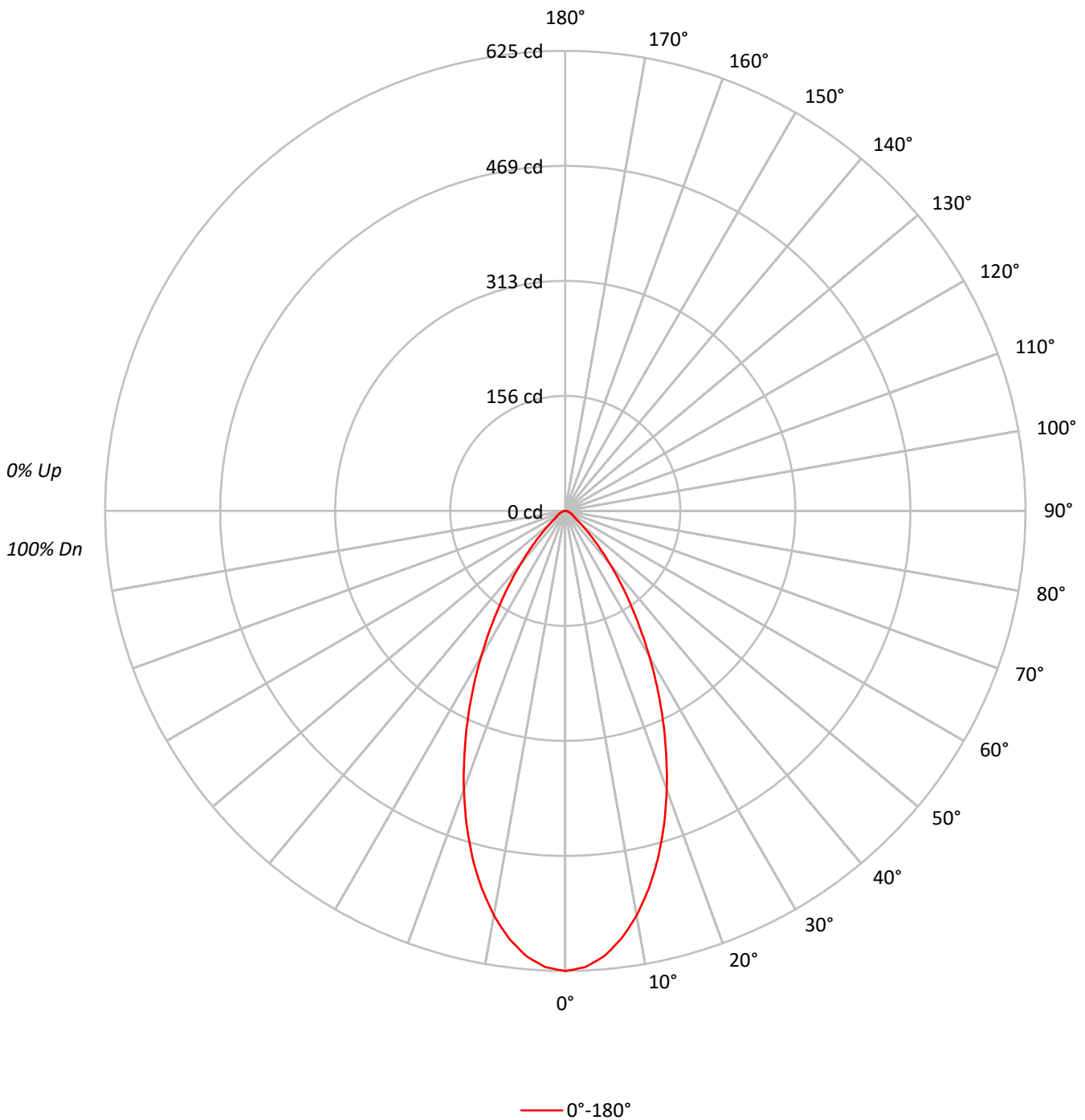
Test Method: LM-79-2019  
Report Number: P1298165  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R55W2N902765DE010 E3DLP1LI\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 2700K CCT AND, 90CRI ,  
E3DLP1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 504.0 lumens  
Efficiency: N/A  
Efficacy: 41.0 lumens/watt  
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8  
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: P1298165  
CATALOG NUMBER: P3AS13R55W2N902765DE010 E3DLP1LI\_2700K

### Luminous Intensity Polar Plot





TEST NUMBER: P1298165  
 CATALOG NUMBER: P3AS13R55W2N902765DE010 E3DLP1LI\_2700K

**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	100	100	100
1	113	110	107	105	110	108	105	103	104	102	100	100	98	97	97	95	94	92	92	92	92
2	107	102	97	94	105	100	96	93	97	93	91	94	91	89	91	89	87	85	85	85	85
3	101	94	89	85	99	93	88	84	90	86	83	88	84	81	85	83	80	79	79	79	79
4	96	88	82	77	94	87	81	77	84	80	76	82	78	75	80	77	74	73	73	73	73
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69	67	67	67	67
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	68	64	63	63	63	63
7	82	72	66	61	80	71	65	61	70	65	61	69	64	60	68	63	60	59	59	59	59
8	78	68	62	57	76	67	61	57	66	61	57	65	60	57	64	60	56	55	55	55	55
9	74	64	58	54	73	63	58	54	62	57	53	62	57	53	61	56	53	52	52	52	52
10	70	60	55	51	69	60	54	50	59	54	50	58	54	50	58	53	50	49	49	49	49

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

	0°
0°	137094
5°	133656
10°	124268
15°	110670
20°	94042
25°	75900
30°	57857
35°	41144
40°	27165
45°	16095
50°	9450
55°	5811
60°	5175
65°	4670
70°	3975
75°	3558
80°	3536
85°	3522

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 16095 cd/sqm



TEST NUMBER: P1298165

CATALOG NUMBER: P3AS13R55W2N902765DE010 E3DLP1LI\_2700K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	56.4	11.2
10°-20°	135.1	26.8
20°-30°	143.1	28.4
30°-40°	96.7	19.2
40°-50°	42.4	8.4
50°-60°	15.2	3.0
60°-70°	8.9	1.8
70°-80°	4.7	0.9
80°-90°	1.5	0.3
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°	334.7	66.4
0°-40°	431.4	85.6
0°-60°	488.9	97.0
0°-90°	504.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	504.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	625	
5°	607	56
15°	488	135
25°	314	143
35°	154	97
45°	52	42
55°	15	15
65°	9	9
75°	4	5
85°	1	2
90°	0	



TEST NUMBER: P1298165  
CATALOG NUMBER: P3AS13R55W2N902765DE010 E3DLP1LI\_2700K

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	625.2
2.5°	620.4
5°	607.2
7.5°	585.8
10°	558.1
12.5°	524.8
15°	487.5
17.5°	445.9
20°	403.0
22.5°	358.0
25°	313.7
27.5°	270.0
30°	228.5
32.5°	189.0
35°	153.7
37.5°	121.9
40°	94.9
42.5°	71.3
45°	51.9
47.5°	38.1
50°	27.7
52.5°	19.4
55°	15.2
57.5°	13.8
60°	11.8
62.5°	10.4
65°	9.0
67.5°	7.6
70°	6.2
72.5°	5.5
75°	4.2
77.5°	3.5
80°	2.8
82.5°	2.1
85°	1.4
87.5°	0.7
90°	0.0

(END OF REPORT)