

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: P1301780

Luminaire Tested: P3AS17R55W2N902750DE010 E3DLP1GPH\_2700K

Issue Date: 1/30/2026

**Test Information**

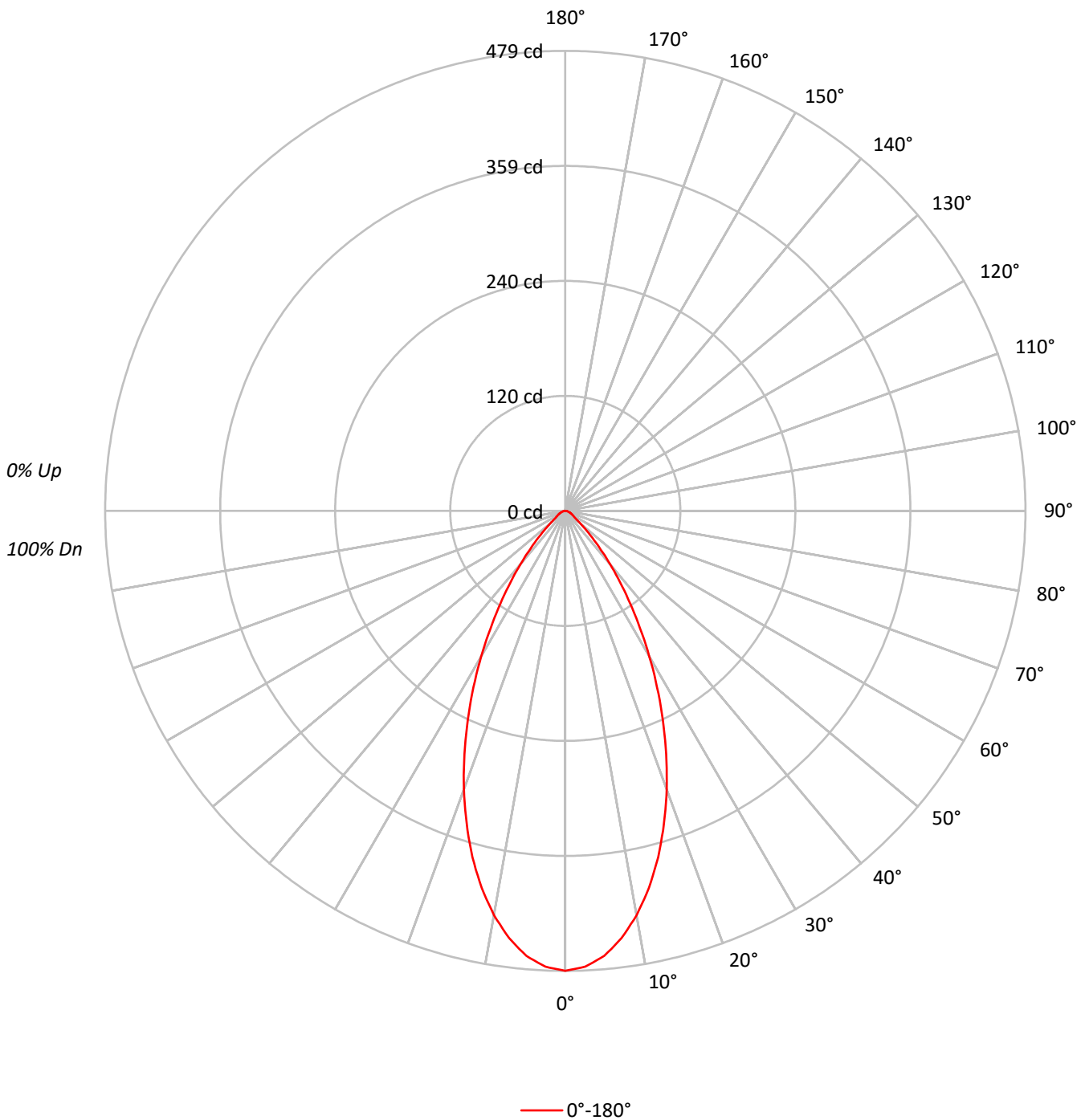
Test Method: LM-79-2019  
Report Number: P1301780  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R55W2N902750DE010 E3DLP1GPH\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 2700K CCT AND, 90CRI ,  
E3DLP1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 386.0 lumens  
Efficiency: N/A  
Efficacy: 19.9 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): 19.4  
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: P1301780  
CATALOG NUMBER: P3AS17R55W2N902750DE010 E3DLP1GPH\_2700K

### Luminous Intensity Polar Plot





TEST NUMBER: P1301780  
 CATALOG NUMBER: P3AS17R55W2N902750DE010 E3DLP1GPH\_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
1	113	110	107	105	110	108	105	103	104	102	100	100	98	97	97	95	94	92			92
2	107	102	97	94	105	100	96	93	97	93	91	94	91	89	91	89	87	85			85
3	101	94	89	85	99	93	88	84	90	86	83	88	84	81	85	83	80	79			79
4	96	88	82	77	94	87	81	77	84	80	76	82	78	75	80	77	74	73			73
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69	67			67
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	68	64	63			63
7	82	72	66	61	80	71	65	61	70	65	61	69	64	60	68	63	60	59			59
8	78	68	62	57	76	67	61	57	66	61	57	65	60	57	64	60	56	55			55
9	74	64	58	54	73	63	58	54	62	57	53	62	57	53	61	56	53	52			52
10	70	60	55	51	69	60	54	50	59	54	50	58	54	50	58	53	50	49			49

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

	0°
0°	105014
5°	102377
10°	95166
15°	84745
20°	72013
25°	58116
30°	44311
35°	31507
40°	20810
45°	12342
50°	7232
55°	4473
60°	3947
65°	3580
70°	3077
75°	2711
80°	2652
85°	2768

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 12342 cd/sqm



TEST NUMBER: P1301780  
 CATALOG NUMBER: P3AS17R55W2N902750DE010 E3DLP1GPH\_2700K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	43.2	11.2
10°-20°	103.5	26.8
20°-30°	109.6	28.4
30°-40°	74.1	19.2
40°-50°	32.5	8.4
50°-60°	11.6	3.0
60°-70°	6.8	1.8
70°-80°	3.6	0.9
80°-90°	1.2	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°	256.3	66.4
0°-40°	330.4	85.6
0°-60°	374.5	97.0
0°-90°	386.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	386.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	479	
5°	465	43
15°	373	103
25°	240	110
35°	118	74
45°	40	32
55°	12	12
65°	7	7
75°	3	4
85°	1	1
90°	0	



TEST NUMBER: P1301780  
CATALOG NUMBER: P3AS17R55W2N902750DE010 E3DLP1GPH\_2700K

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	478.9
2.5°	475.1
5°	465.1
7.5°	448.6
10°	427.4
12.5°	402.0
15°	373.3
17.5°	341.5
20°	308.6
22.5°	274.2
25°	240.2
27.5°	206.8
30°	175.0
32.5°	144.8
35°	117.7
37.5°	93.3
40°	72.7
42.5°	54.6
45°	39.8
47.5°	29.2
50°	21.2
52.5°	14.8
55°	11.7
57.5°	10.6
60°	9.0
62.5°	8.0
65°	6.9
67.5°	5.8
70°	4.8
72.5°	4.2
75°	3.2
77.5°	2.7
80°	2.1
82.5°	1.6
85°	1.1
87.5°	0.5
90°	0.0

(END OF REPORT)