

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: P1298563

Luminaire Tested: P3AS13R65W2N902750DE010 E3DL1GPH\_2700K

Issue Date: 1/30/2026

**Test Information**

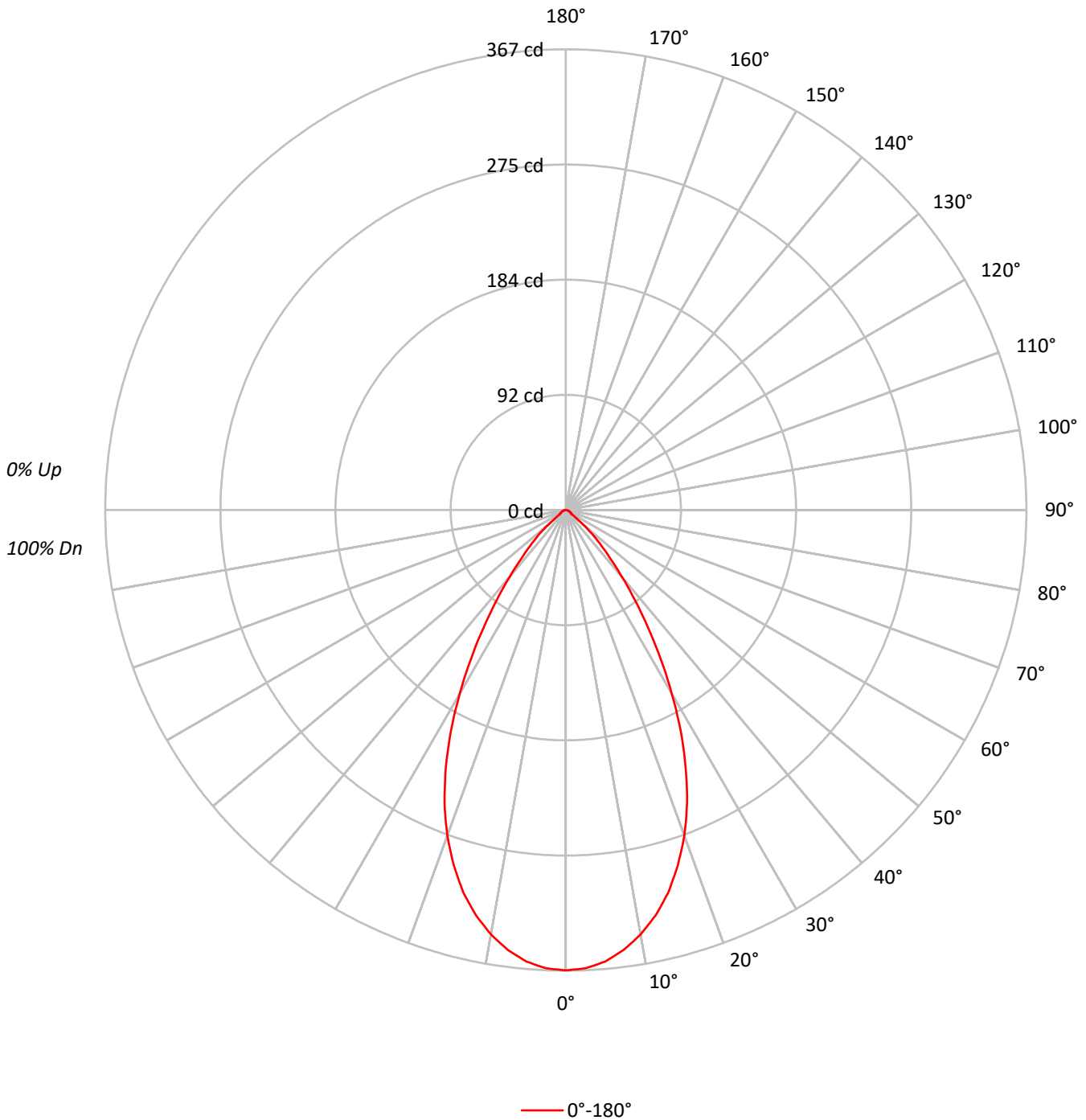
Test Method: LM-79-2019  
Report Number: P1298563  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R65W2N902750DE010 E3DL1GPH\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 2700K CCT AND, 90CRI ,  
E3DL1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 341.0 lumens  
Efficiency: N/A  
Efficacy: 27.7 lumens/watt  
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88  
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

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### Luminous Intensity Polar Plot





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**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	111	108	106	103	104	102	100	100	99	97	97	96	94	93	93	93	93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85	85	85	85
3	101	95	89	85	99	93	88	84	90	86	83	88	85	82	86	83	80	79	79	79	79
4	96	88	82	78	94	87	81	77	85	80	76	83	79	75	81	77	74	73	73	73	73
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69	68	68	68	68
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	67	64	63	63	63	63
7	82	72	66	61	80	71	65	61	70	64	61	69	64	60	67	63	60	58	58	58	58
8	77	67	61	57	76	67	61	57	66	60	57	65	60	56	64	59	56	55	55	55	55
9	74	64	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53	51	51	51	51
10	70	60	54	50	69	59	54	50	59	53	50	58	53	50	57	53	49	48	48	48	48

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

	0°
0°	80410
5°	79463
10°	76440
15°	71601
20°	64406
25°	54681
30°	42766
35°	30490
40°	19952
45°	12342
50°	6277
55°	2217
60°	1930
65°	1920
70°	1731
75°	1694
80°	1768
85°	1761

**MAXIMUM LUMINANCE 45°-90°:**

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



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	33.9	9.9
10°-20°	87.8	25.7
20°-30°	102.6	30.1
30°-40°	71.7	21.0
40°-50°	31.6	9.3
50°-60°	7.0	2.1
60°-70°	3.6	1.0
70°-80°	2.2	0.6
80°-90°	0.7	0.2
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°	224.3	65.8
0°-40°	296.0	86.8
0°-60°	334.6	98.1
0°-90°	341.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	341.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	367	
5°	361	34
15°	315	88
25°	226	103
35°	114	72
45°	40	32
55°	6	7
65°	4	4
75°	2	2
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	366.7
2.5°	365.4
5°	361.0
7.5°	353.5
10°	343.3
12.5°	330.7
15°	315.4
17.5°	296.7
20°	276.0
22.5°	252.5
25°	226.0
27.5°	198.2
30°	168.9
32.5°	140.7
35°	113.9
37.5°	90.4
40°	69.7
42.5°	52.7
45°	39.8
47.5°	29.2
50°	18.4
52.5°	9.5
55°	5.8
57.5°	5.1
60°	4.4
62.5°	4.1
65°	3.7
67.5°	3.1
70°	2.7
72.5°	2.4
75°	2.0
77.5°	1.7
80°	1.4
82.5°	1.0
85°	0.7
87.5°	0.3
90°	0.0

(END OF REPORT)