

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: P1298565

Luminaire Tested: P3AS13R65W2N902750DE010 E3DL1GPH\_3500K

Issue Date: 1/30/2026

**Test Information**

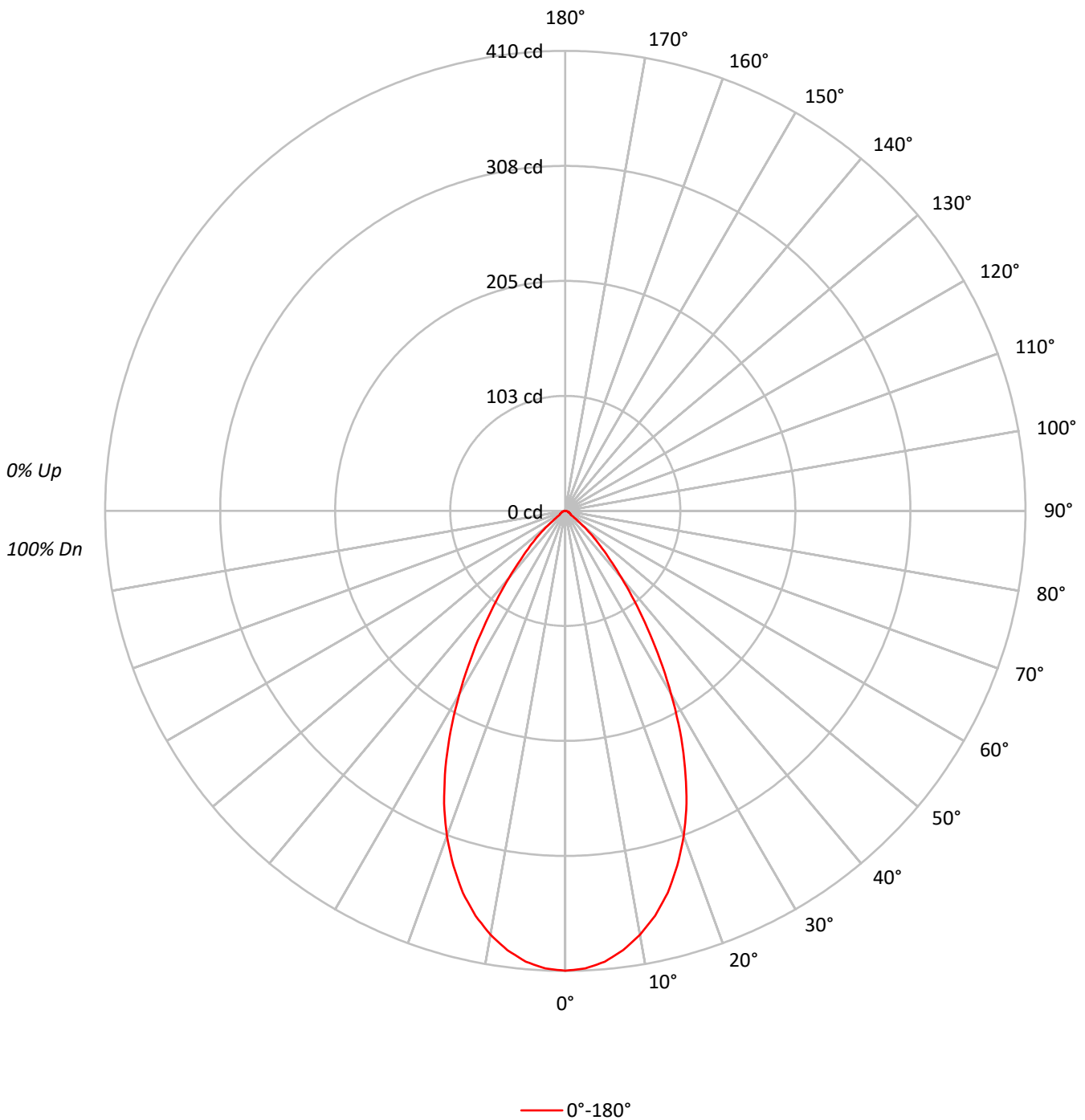
Test Method: LM-79-2019  
Report Number: P1298565  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R65W2N902750DE010 E3DL1GPH\_3500K  
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 3500K CCT AND, 90CRI ,  
E3DL1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 381.0 lumens  
Efficiency: N/A  
Efficacy: 31.0 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			
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93			
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85			
3	101	95	89	85	99	93	88	84	90	86	83	88	85	82	86	83	80	79			
4	96	88	82	78	94	87	81	77	85	80	76	83	79	75	81	77	74	73			
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69	68			
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	67	64	63			
7	82	72	66	61	80	71	65	61	70	64	61	69	64	60	67	63	60	58			
8	77	67	61	57	76	67	61	57	66	60	57	65	60	56	64	59	56	55			
9	74	64	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53	51			
10	70	60	54	50	69	59	54	50	59	53	50	58	53	50	57	53	49	48			

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

	0°
0°	89861
5°	88774
10°	85391
15°	80000
20°	71966
25°	61092
30°	47780
35°	34050
40°	22270
45°	13769
50°	6993
55°	2485
60°	2149
65°	2179
70°	1923
75°	1949
80°	1894
85°	2013

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 13769 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	37.9	9.9
10°-20°	98.1	25.7
20°-30°	114.6	30.1
30°-40°	80.1	21.0
40°-50°	35.3	9.3
50°-60°	7.8	2.1
60°-70°	4.0	1.0
70°-80°	2.4	0.6
80°-90°	0.8	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°	250.6	65.8
0°-40°	330.7	86.8
0°-60°	373.8	98.1
0°-90°	381.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	381.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	410	
5°	403	38
15°	352	98
25°	252	115
35°	127	80
45°	44	35
55°	6	8
65°	4	4
75°	2	2
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	409.8
2.5°	408.2
5°	403.3
7.5°	394.9
10°	383.5
12.5°	369.5
15°	352.4
17.5°	331.5
20°	308.4
22.5°	282.2
25°	252.5
27.5°	221.4
30°	188.7
32.5°	157.2
35°	127.2
37.5°	101.0
40°	77.8
42.5°	58.9
45°	44.4
47.5°	32.7
50°	20.5
52.5°	10.6
55°	6.5
57.5°	5.7
60°	4.9
62.5°	4.6
65°	4.2
67.5°	3.4
70°	3.0
72.5°	2.7
75°	2.3
77.5°	1.9
80°	1.5
82.5°	1.1
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)