

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: P1302590

Luminaire Tested: P3AS17R65W2N902765DE010 E3DLP1GPH\_5000K

Issue Date: 1/30/2026

**Test Information**

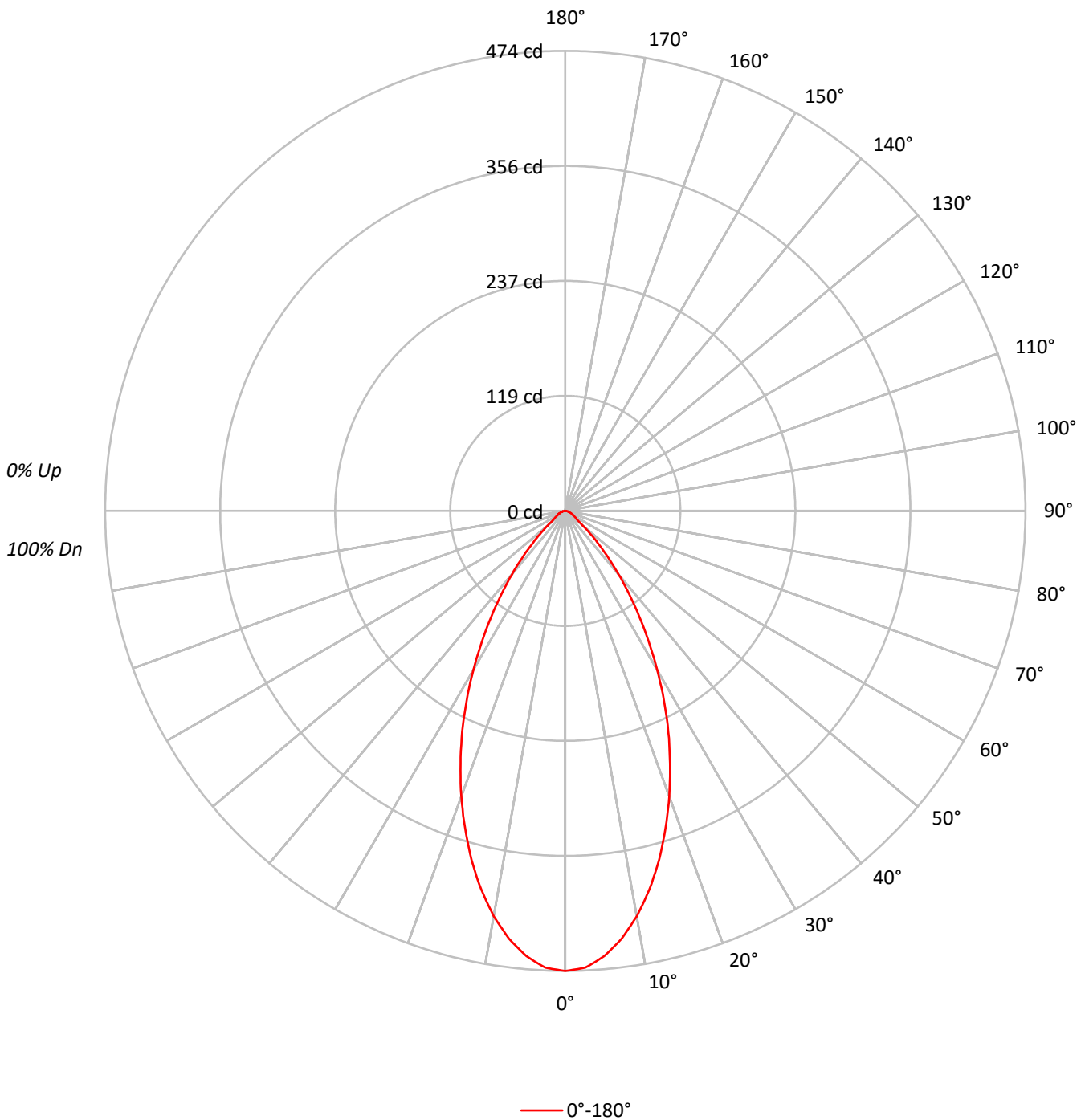
Test Method: LM-79-2019  
Report Number: P1302590  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R65W2N902765DE010 E3DLP1GPH\_5000K  
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 5000K CCT AND, 90CRI ,  
E3DLP1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 409.0 lumens  
Efficiency: N/A  
Efficacy: 21.1 lumens/watt  
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83  
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

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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	110	108	105	103	104	102	100	100	98	97	96	95	94	92			
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	90	88	86	85			
3	101	94	88	84	99	92	87	83	90	85	82	87	84	81	85	82	79	78			
4	95	87	81	76	93	86	80	76	84	79	75	82	78	74	80	76	73	72			
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66			
6	85	76	69	65	84	75	69	65	73	68	64	72	67	64	71	66	63	62			
7	81	71	65	60	79	70	64	60	69	64	60	68	63	59	67	62	59	57			
8	77	67	60	56	75	66	60	56	65	59	56	64	59	55	63	58	55	54			
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	59	55	52	50			
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	49	47			

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

	0°
0°	103961
5°	101364
10°	94409
15°	84609
20°	73063
25°	60778
30°	47931
35°	35523
40°	24474
45°	15164
50°	8256
55°	5199
60°	4386
65°	3995
70°	3398
75°	2965
80°	3031
85°	3019

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 15164 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	42.8	10.5
10°-20°	103.6	25.3
20°-30°	114.5	28.0
30°-40°	83.2	20.3
40°-50°	39.0	9.5
50°-60°	13.1	3.2
60°-70°	7.6	1.9
70°-80°	3.9	1.0
80°-90°	1.3	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°	260.9	63.8
0°-40°	344.1	84.1
0°-60°	396.2	96.9
0°-90°	409.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	409.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	474	
5°	460	43
15°	373	104
25°	251	115
35°	133	83
45°	49	39
55°	14	13
65°	8	8
75°	4	4
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	474.1
2.5°	471.2
5°	460.5
7.5°	444.6
10°	424.0
12.5°	399.8
15°	372.7
17.5°	343.2
20°	313.1
22.5°	281.9
25°	251.2
27.5°	219.9
30°	189.3
32.5°	159.8
35°	132.7
37.5°	107.9
40°	85.5
42.5°	65.5
45°	48.9
47.5°	35.4
50°	24.2
52.5°	16.5
55°	13.6
57.5°	11.8
60°	10.0
62.5°	8.8
65°	7.7
67.5°	6.5
70°	5.3
72.5°	4.7
75°	3.5
77.5°	2.9
80°	2.4
82.5°	1.8
85°	1.2
87.5°	0.6
90°	0.0

(END OF REPORT)