

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: P1302399

Luminaire Tested: P3AS17R65W2N902750DE010 E3DLD1LI\_3000K

Issue Date: 1/30/2026

**Test Information**

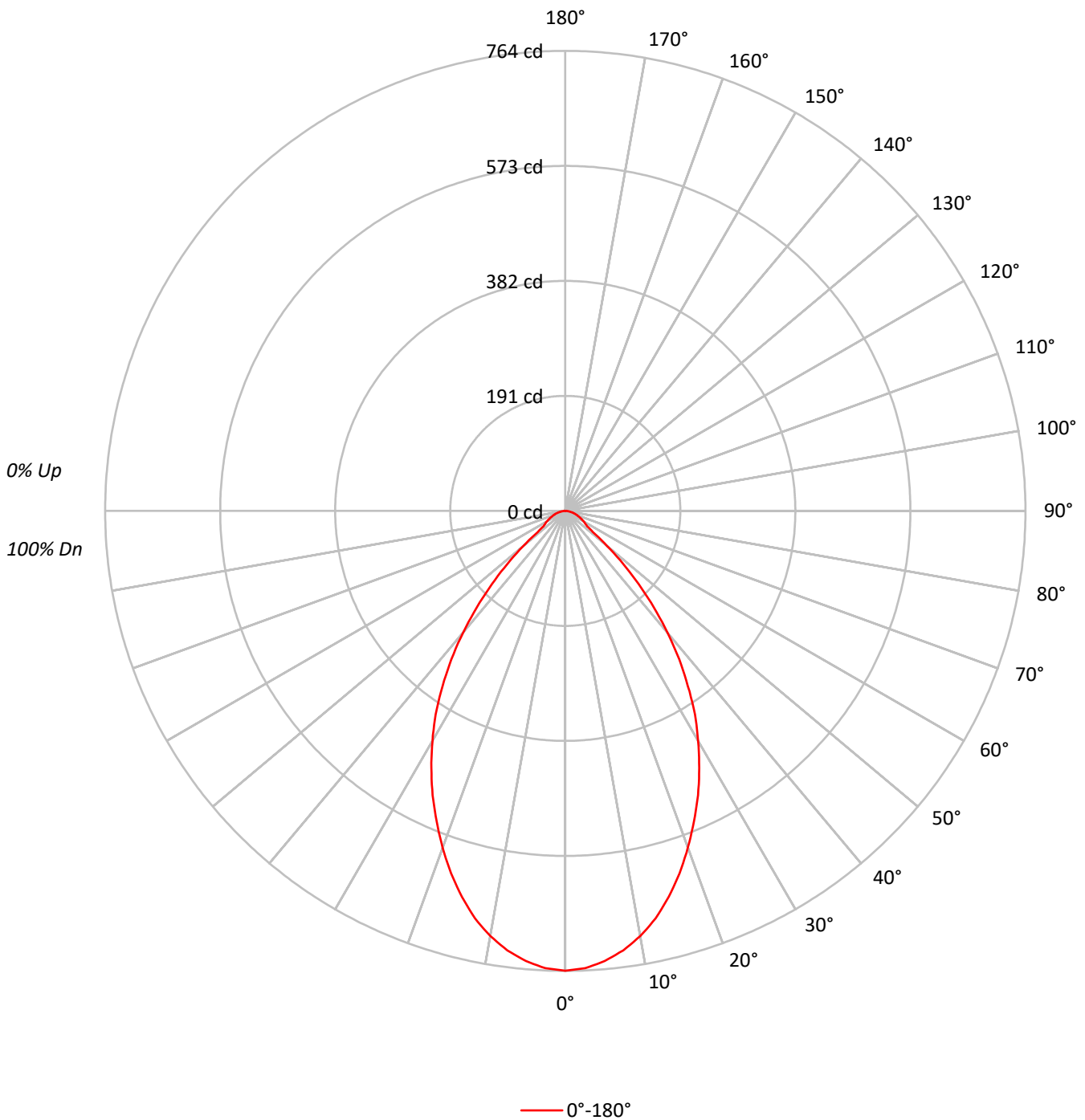
Test Method: LM-79-2019  
Report Number: P1302399  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R65W2N902750DE010 E3DLD1LI\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 3000K CCT AND, 90CRI ,  
E3DLD1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 941.0 lumens  
Efficiency: N/A  
Efficacy: 48.5 lumens/watt  
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1  
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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	112	109	106	103	110	107	104	101	102	100	98	99	97	95	95	94	93	91
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	86	84	82
3	99	91	85	80	96	89	84	79	87	82	78	84	80	77	82	78	76	74
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67
5	87	77	70	65	85	76	69	65	74	68	64	72	67	63	71	66	63	61
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	58	56
7	77	66	59	54	75	65	59	54	64	58	54	63	57	53	61	57	53	51
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47
9	68	57	51	46	67	57	50	46	56	50	46	55	49	46	54	49	45	44
10	65	54	47	43	64	53	47	43	52	47	43	52	46	42	51	46	42	41

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

	0°
0°	167465
5°	165199
10°	159650
15°	150580
20°	138892
25°	126080
30°	111663
35°	95004
40°	75599
45°	53370
50°	30976
55°	16898
60°	15744
65°	14269
70°	13015
75°	12115
80°	10607
85°	9057

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 53370 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	70.6	7.5
10°-20°	185.6	19.7
20°-30°	238.5	25.3
30°-40°	220.6	23.4
40°-50°	133.2	14.2
50°-60°	45.4	4.8
60°-70°	27.4	2.9
70°-80°	15.4	1.6
80°-90°	4.4	0.5
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°	494.6	52.6
0°-40°	715.2	76.0
0°-60°	893.8	95.0
0°-90°	941.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	941.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	764	
5°	750	71
15°	663	186
25°	521	238
35°	355	221
45°	172	133
55°	44	45
65°	28	27
75°	14	15
85°	4	4
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	763.7
2.5°	760.1
5°	750.5
7.5°	736.2
10°	717.0
12.5°	693.1
15°	663.3
17.5°	631.0
20°	595.2
22.5°	558.1
25°	521.1
27.5°	481.6
30°	441.0
32.5°	400.4
35°	354.9
37.5°	310.7
40°	264.1
42.5°	217.5
45°	172.1
47.5°	130.3
50°	90.8
52.5°	57.4
55°	44.2
57.5°	39.4
60°	35.9
62.5°	31.1
65°	27.5
67.5°	23.9
70°	20.3
72.5°	17.9
75°	14.3
77.5°	12.0
80°	8.4
82.5°	6.0
85°	3.6
87.5°	2.4
90°	0.0

(END OF REPORT)