

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: P1288622

Luminaire Tested: P3A05R25W2N902765DE010 E3DLD1GPH\_6500K

Issue Date: 1/30/2026

**Test Information**

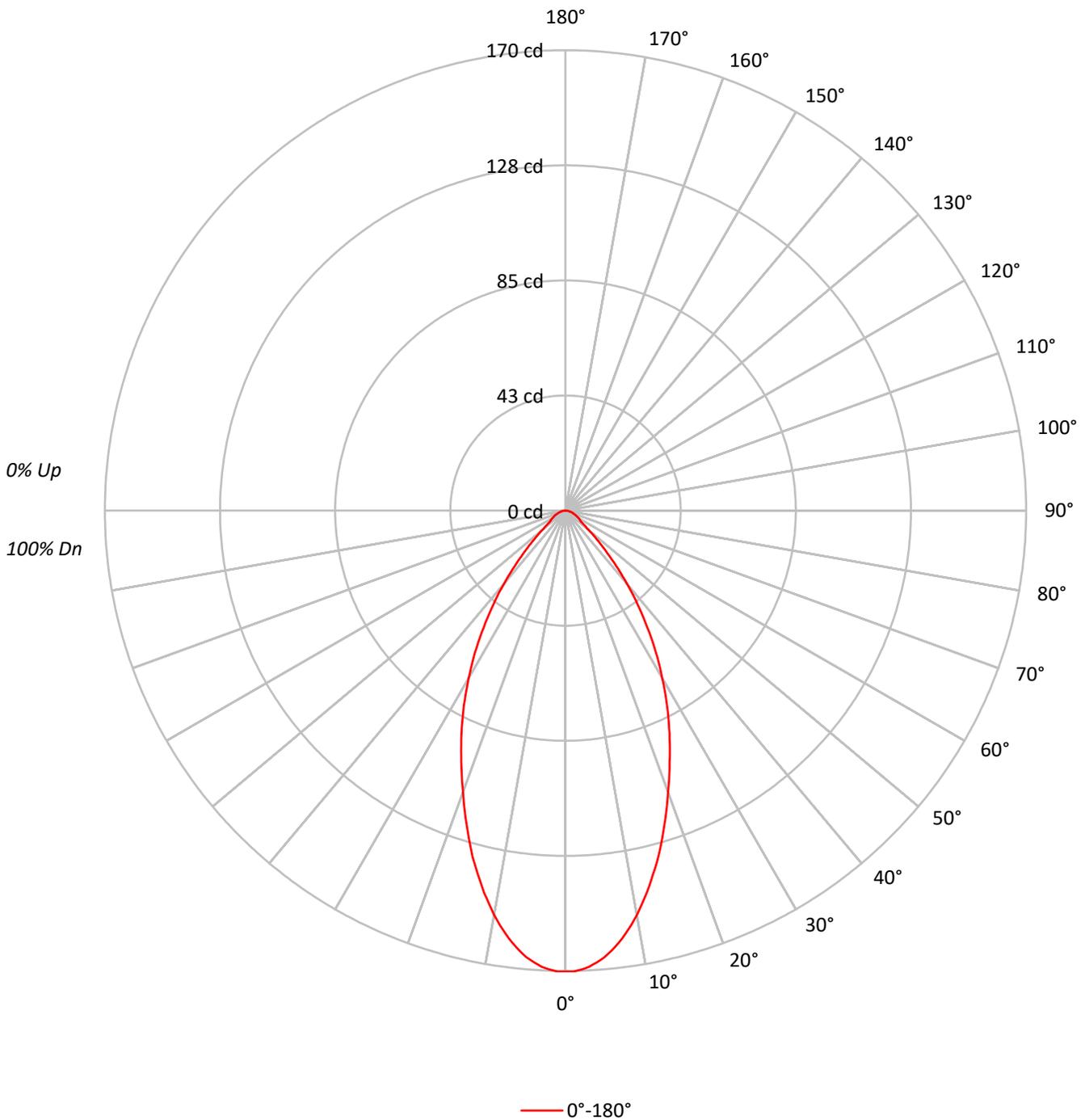
Test Method: LM-79-2019  
Report Number: P1288622  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A05R25W2N902765DE010 E3DLD1GPH\_6500K  
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 6500K CCT AND, 90CRI ,  
E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 157.0 lumens  
Efficiency: N/A  
Efficacy: 26.6 lumens/watt  
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 5.9  
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
1	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91			91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83			83
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	83	80	78	76			76
4	94	85	79	74	92	84	78	74	82	77	73	80	76	72	78	74	71	70			70
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64			64
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59			59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55			55
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51			51
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48			48
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45			45

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

	0°
0°	37322
5°	36430
10°	33756
15°	30057
20°	25832
25°	21969
30°	18079
35°	14081
40°	10133
45°	6419
50°	3787
55°	2600
60°	2412
65°	2231
70°	1988
75°	1864
80°	1768
85°	1510

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 6419 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	15.3	9.8
10°-20°	36.8	23.4
20°-30°	41.5	26.5
30°-40°	32.8	20.9
40°-50°	16.6	10.6
50°-60°	6.6	4.2
60°-70°	4.3	2.7
70°-80°	2.4	1.5
80°-90°	0.7	0.4
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°	93.6	59.6
0°-40°	126.5	80.6
0°-60°	149.7	95.4
0°-90°	157.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	157.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	170	
5°	166	15
15°	132	37
25°	91	42
35°	53	33
45°	21	17
55°	7	7
65°	4	4
75°	2	2
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	170.2
1°	170.2
2°	169.6
3°	168.6
4°	167.2
5°	165.5
6°	163.3
7°	160.8
8°	158.0
9°	154.9
10°	151.6
11°	147.9
12°	144.3
13°	140.2
14°	136.3
15°	132.4
17.5°	121.5
20°	110.7
22.5°	100.5
25°	90.8
27.5°	81.2
30°	71.4
32.5°	62.2
35°	52.6
37.5°	43.8
40°	35.4
42.5°	27.6
45°	20.7
47.5°	15.5
50°	11.1
52.5°	8.4
55°	6.8
57.5°	6.3
60°	5.5
62.5°	4.9
65°	4.3
67.5°	3.7
70°	3.1
72.5°	2.7
75°	2.2
77.5°	1.8
80°	1.4
82.5°	1.0
85°	0.6
87.5°	0.2



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)