

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: P1288581

Luminaire Tested: P3A05R25W2N902765DE010 E3DL1GPH\_2700K

Issue Date: 1/30/2026

**Test Information**

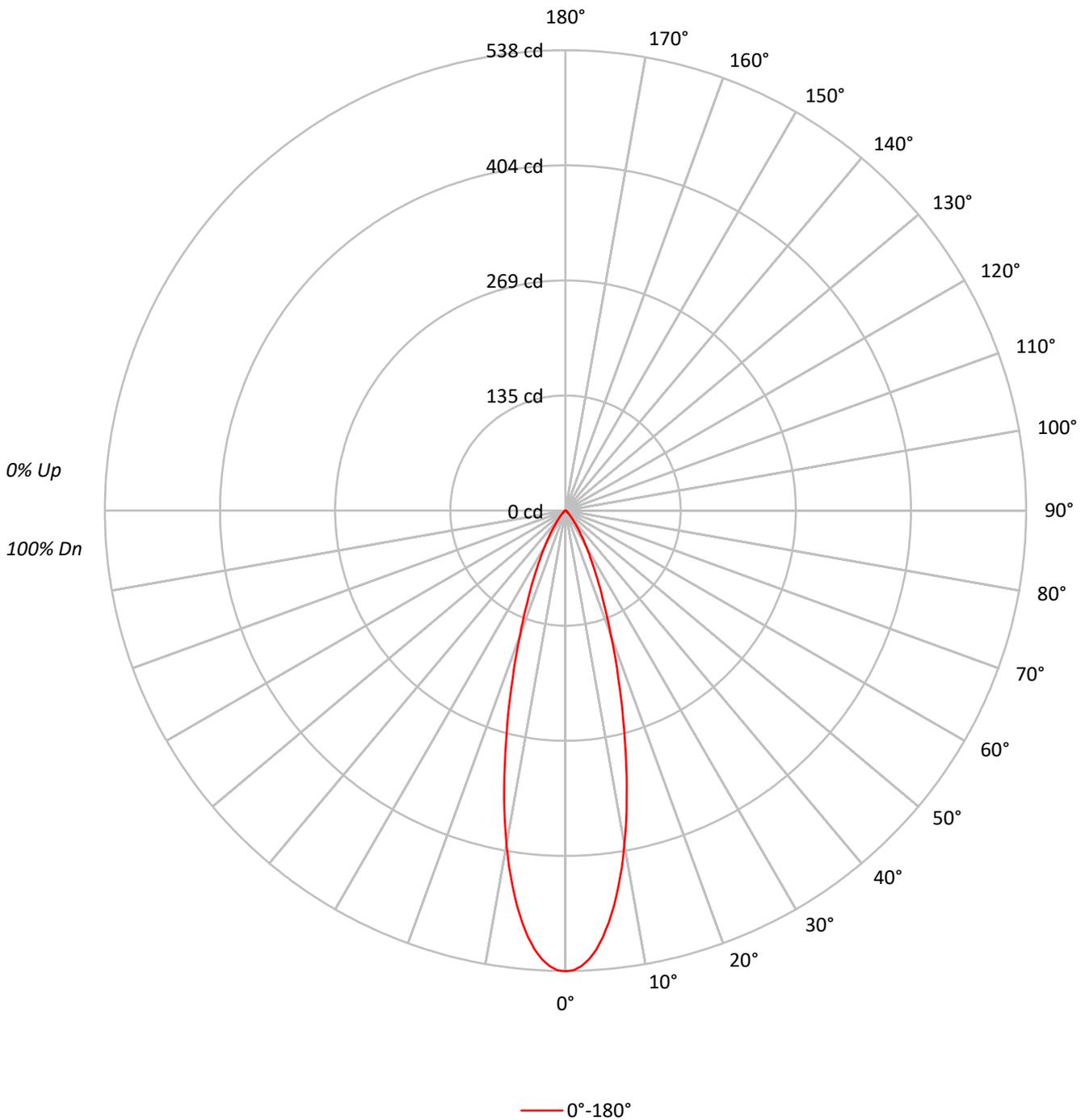
Test Method: LM-79-2019  
Report Number: P1288581  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A05R25W2N902765DE010 E3DL1GPH\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI ,  
E3DL1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 184.1 lumens  
Efficiency: N/A  
Efficacy: 31.2 lumens/watt  
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51  
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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	90	90
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	86	86
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	82	82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	78	78
6	94	86	81	78	92	86	81	77	84	80	77	83	79	76	82	78	76	75	75	75
7	90	83	78	74	89	82	77	74	81	77	74	80	76	73	79	75	73	72	72	72
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70	69	69	69
9	84	76	71	68	83	76	71	68	75	71	68	74	70	68	73	70	67	66	66	66
10	81	73	69	65	80	73	68	65	72	68	65	72	68	65	71	67	65	64	64	64

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

	0°
0°	118039
5°	110125
10°	88219
15°	59887
20°	36240
25°	21195
30°	12078
35°	6639
40°	3521
45°	1861
50°	1092
55°	803
60°	702
65°	726
70°	705
75°	593
80°	505
85°	503

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 1861 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	44.4	24.1
10°-20°	72.5	39.4
20°-30°	41.4	22.5
30°-40°	16.4	8.9
40°-50°	5.0	2.7
50°-60°	2.0	1.1
60°-70°	1.3	0.7
70°-80°	0.8	0.4
80°-90°	0.3	0.1
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°	158.4	86.0
0°-40°	174.7	94.9
0°-60°	181.7	98.7
0°-90°	184.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	184.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	538	
5°	500	44
15°	264	73
25°	88	41
35°	25	16
45°	6	5
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	538.3
1°	537.2
2°	532.8
3°	525.1
4°	514.3
5°	500.3
6°	483.7
7°	465.1
8°	443.5
9°	421.3
10°	396.2
11°	371.4
12°	344.1
13°	317.2
14°	289.6
15°	263.8
17.5°	204.5
20°	155.3
22.5°	116.6
25°	87.6
27.5°	64.9
30°	47.7
32.5°	34.5
35°	24.8
37.5°	17.6
40°	12.3
42.5°	8.4
45°	6.0
47.5°	4.2
50°	3.2
52.5°	2.5
55°	2.1
57.5°	1.9
60°	1.6
62.5°	1.4
65°	1.4
67.5°	1.2
70°	1.1
72.5°	0.9
75°	0.7
77.5°	0.5
80°	0.4
82.5°	0.4
85°	0.2
87.5°	0.2



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)