

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: P1296245

Luminaire Tested: P3AS13R25W2N902765DE010 E3DLP1GPH\_3500K

Issue Date: 1/30/2026

**Test Information**

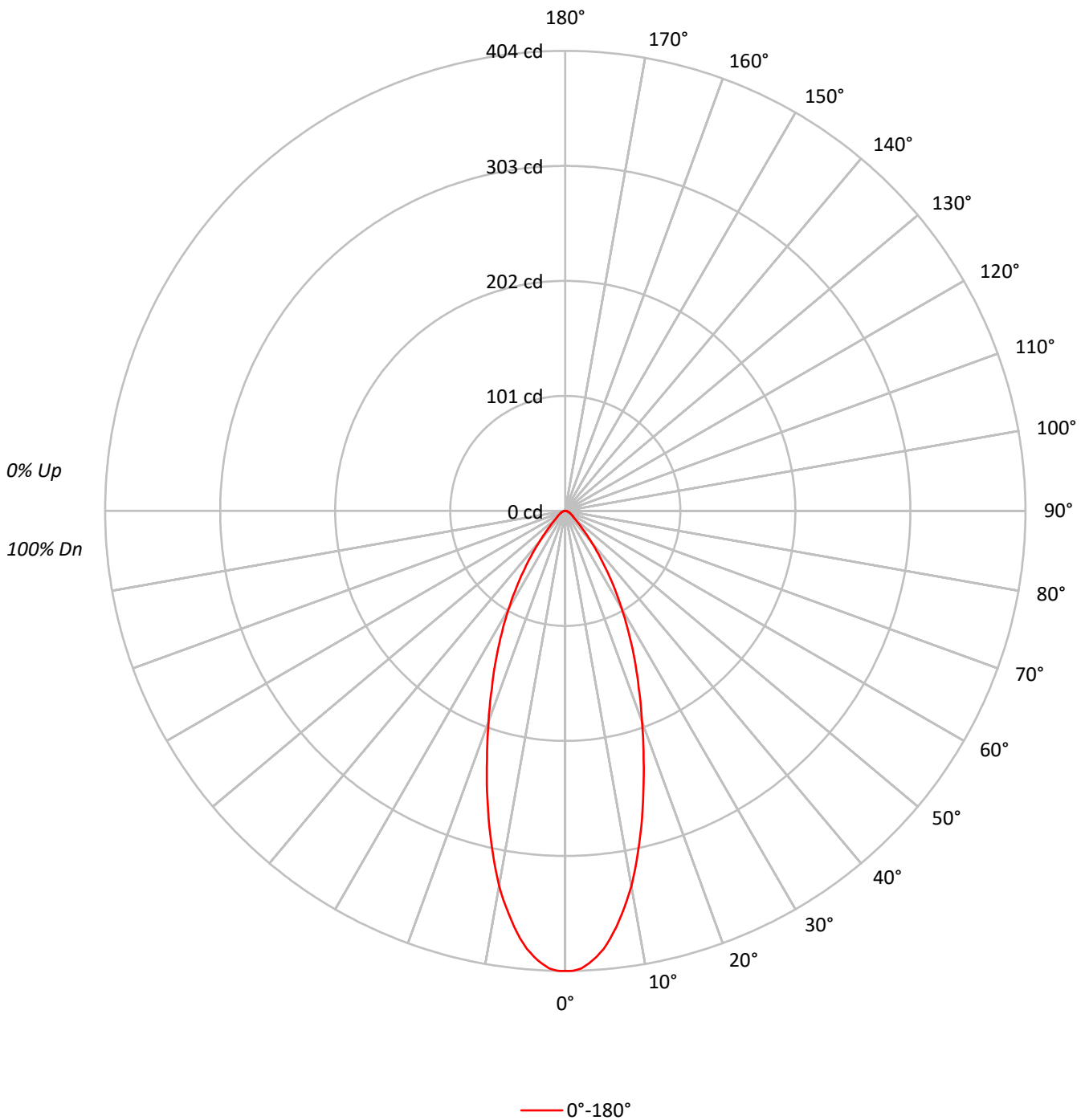
Test Method: LM-79-2019  
Report Number: P1296245  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R25W2N902765DE010 E3DLP1GPH\_3500K  
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3500K CCT AND, 90CRI ,  
E3DLP1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 244.0 lumens  
Efficiency: N/A  
Efficacy: 19.8 lumens/watt  
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68  
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				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	100	100
1	113	110	108	105	111	108	106	104	104	102	101	100	99	98	97	96	95	93	93	93	93
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86	86	86	86
3	102	95	90	86	100	94	89	86	91	87	84	89	86	83	87	84	82	80	80	80	80
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	75	75	75	75
5	92	84	78	74	91	83	77	73	81	76	73	79	75	72	78	74	71	70	70	70	70
6	88	79	73	69	86	78	72	68	77	72	68	75	71	67	74	70	67	66	66	66	66
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62	62	62	62
8	80	70	65	60	79	70	64	60	69	64	60	68	63	60	67	63	60	58	58	58	58
9	76	67	61	57	75	66	61	57	65	60	57	65	60	57	64	59	56	55	55	55	55
10	73	64	58	54	72	63	58	54	62	57	54	62	57	54	61	57	54	52	52	52	52

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

	0°
0°	88589
5°	84988
10°	74459
15°	59841
20°	45971
25°	34792
30°	25143
35°	16704
40°	10133
45°	5892
50°	3753
55°	3058
60°	2675
65°	2387
70°	1923
75°	1949
80°	1389
85°	2013

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 5892 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	35.1	14.4
10°-20°	72.9	29.9
20°-30°	65.9	27.0
30°-40°	39.6	16.2
40°-50°	15.7	6.5
50°-60°	7.2	3.0
60°-70°	4.4	1.8
70°-80°	2.4	1.0
80°-90°	0.7	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°	174.0	71.3
0°-40°	213.6	87.5
0°-60°	236.5	96.9
0°-90°	244.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	244.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	404	
5°	386	35
15°	264	73
25°	144	66
35°	62	40
45°	19	16
55°	8	7
65°	5	4
75°	2	2
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	404.0
1°	404.0
2°	402.1
3°	397.9
4°	392.6
5°	386.1
6°	377.7
7°	368.2
8°	357.2
9°	346.2
10°	334.4
11°	320.7
12°	306.6
13°	292.5
14°	278.5
15°	263.6
17.5°	228.6
20°	197.0
22.5°	168.5
25°	143.8
27.5°	120.6
30°	99.3
32.5°	79.9
35°	62.4
37.5°	47.5
40°	35.4
42.5°	25.9
45°	19.0
47.5°	14.5
50°	11.0
52.5°	9.1
55°	8.0
57.5°	6.8
60°	6.1
62.5°	4.9
65°	4.6
67.5°	3.8
70°	3.0
72.5°	2.7
75°	2.3
77.5°	1.9
80°	1.1
82.5°	0.8
85°	0.8
87.5°	0.4



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)