

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: P1296525

Luminaire Tested: P3A13R30W2N902765DE010 E3DL1GPH\_3500K

Issue Date: 1/30/2026

**Test Information**

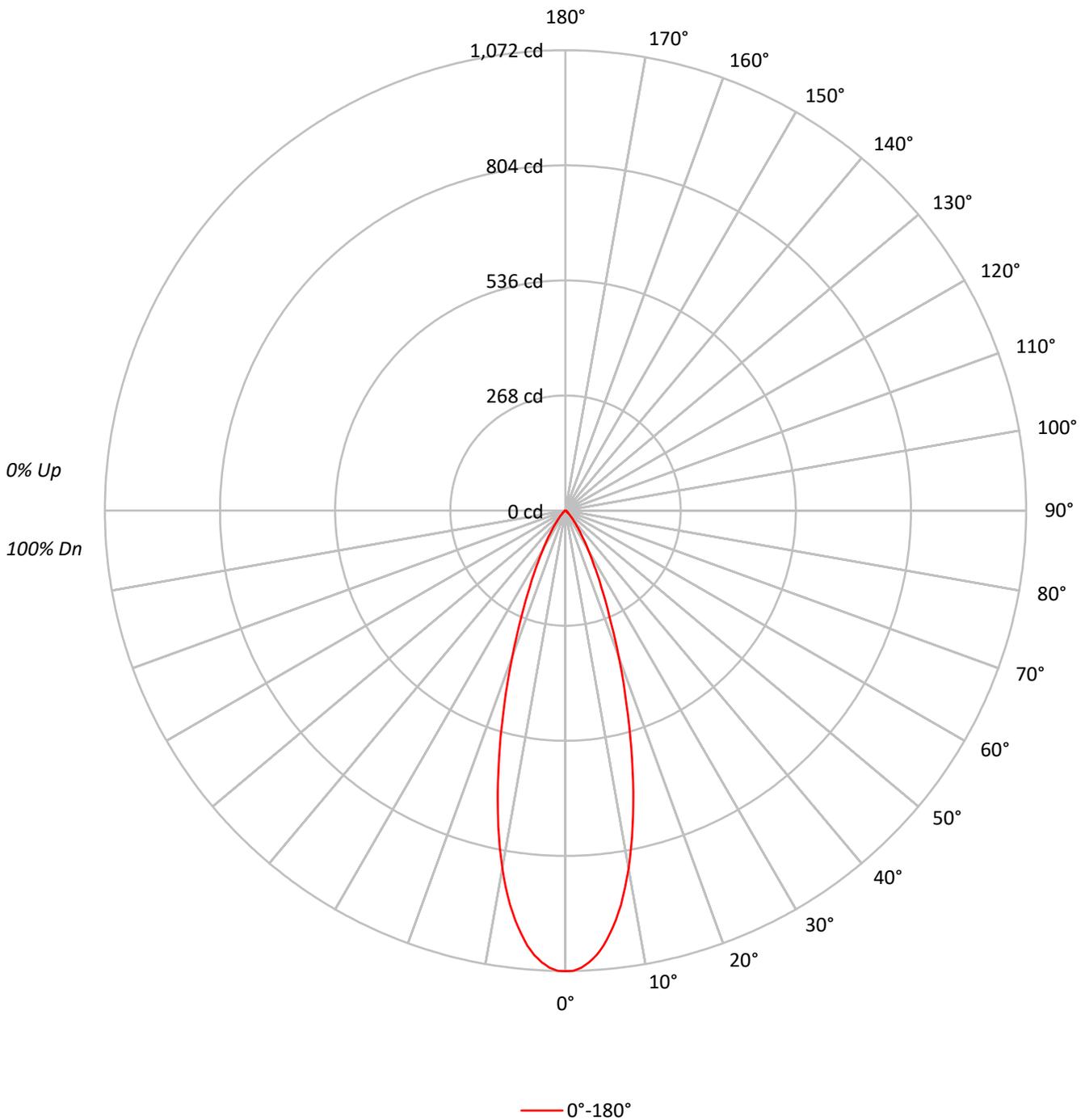
Test Method: LM-79-2019  
Report Number: P1296525  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A13R30W2N902765DE010 E3DL1GPH\_3500K  
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 3500K CCT AND, 90CRI ,  
E3DL1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 403.0 lumens  
Efficiency: N/A  
Efficacy: 32.8 lumens/watt  
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54  
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				
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	102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	97	97	97	95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	92	92	92	90
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	87	87	87	86
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	83	83	83	82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	79	79	79	78
6	94	86	81	78	92	85	81	77	84	80	77	83	79	76	81	78	76	76	76	76	75
7	90	82	77	74	89	82	77	74	81	76	73	80	76	73	79	75	73	73	73	73	71
8	87	79	74	71	86	79	74	71	78	73	70	77	73	70	76	72	70	70	70	70	69
9	84	76	71	68	83	75	71	68	75	70	67	74	70	67	73	70	67	67	67	67	66
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	65	65	65	63

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

	0°
0°	235157
5°	223816
10°	188262
15°	135778
20°	84217
25°	47906
30°	26612
35°	14482
40°	7614
45°	4124
50°	2217
55°	1453
60°	1316
65°	1401
70°	1218
75°	932
80°	1010
85°	1006

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 4124 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	91.6	22.7
10°-20°	162.8	40.4
20°-30°	94.1	23.3
30°-40°	35.7	8.9
40°-50°	11.0	2.7
50°-60°	3.7	0.9
60°-70°	2.5	0.6
70°-80°	1.3	0.3
80°-90°	0.4	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°	348.4	86.4
0°-40°	384.1	95.3
0°-60°	398.7	98.9
0°-90°	403.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	403.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1072	
5°	1017	92
15°	598	163
25°	198	94
35°	54	36
45°	13	11
55°	4	4
65°	3	3
75°	1	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1072.4
1°	1071.7
2°	1065.2
3°	1053.0
4°	1037.8
5°	1016.8
6°	990.2
7°	960.5
8°	927.4
9°	887.8
10°	845.5
11°	799.8
12°	751.5
13°	700.9
14°	649.5
15°	598.1
17.5°	471.7
20°	360.9
22.5°	267.6
25°	198.0
27.5°	143.9
30°	105.1
32.5°	75.8
35°	54.1
37.5°	37.7
40°	26.6
42.5°	18.7
45°	13.3
47.5°	9.1
50°	6.5
52.5°	4.6
55°	3.8
57.5°	3.4
60°	3.0
62.5°	2.7
65°	2.7
67.5°	2.3
70°	1.9
72.5°	1.5
75°	1.1
77.5°	1.1
80°	0.8
82.5°	0.8
85°	0.4
87.5°	0.0



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)