

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: P1296609

Luminaire Tested: P3A13R30W2N902765DE010 E3DLP1LI\_3500K

Issue Date: 1/30/2026

**Test Information**

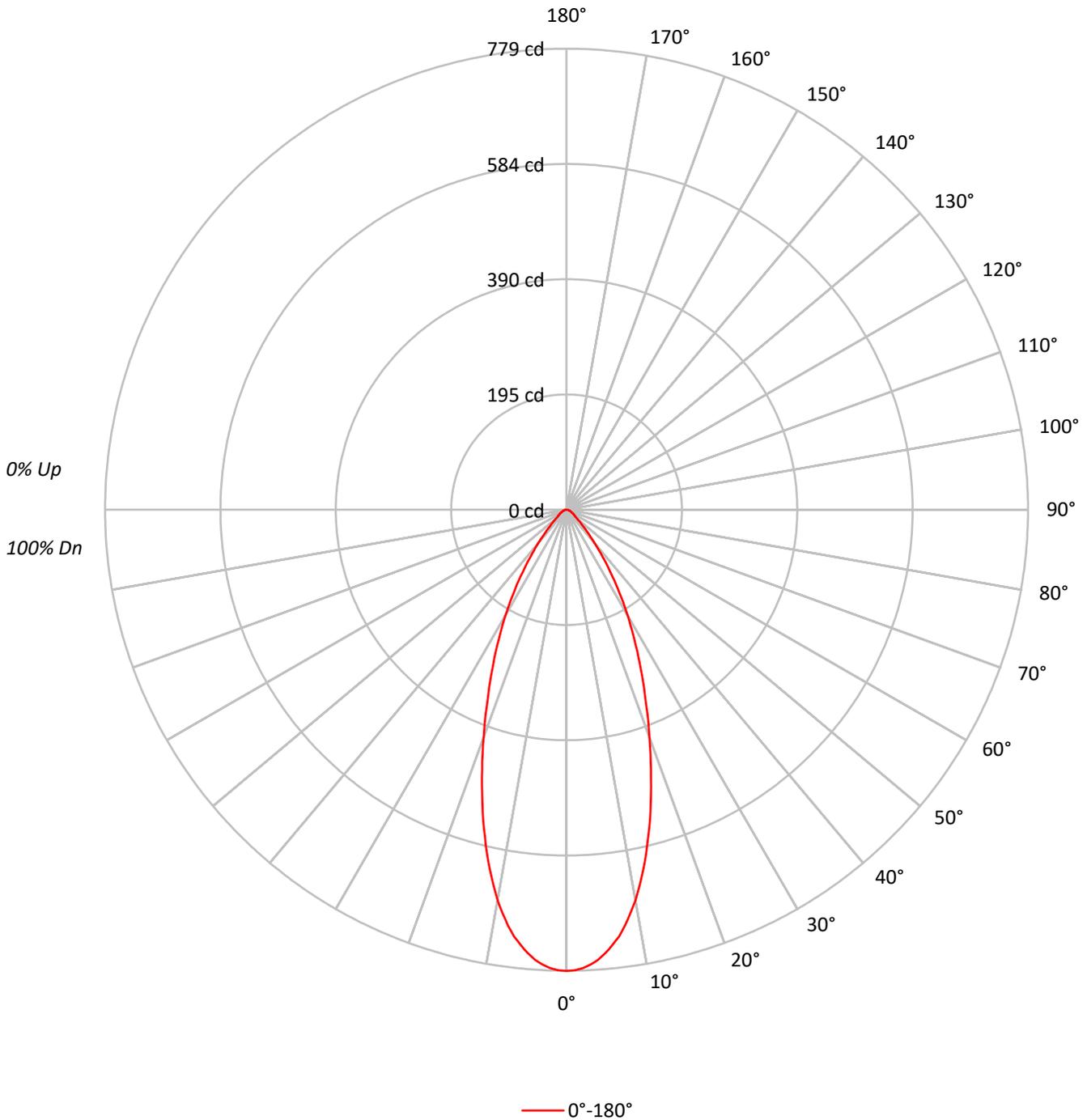
Test Method: LM-79-2019  
Report Number: P1296609  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A13R30W2N902765DE010 E3DLP1LI\_3500K  
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 3500K CCT AND, 90CRI ,  
E3DLP1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 500.1 lumens  
Efficiency: N/A  
Efficacy: 40.7 lumens/watt  
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7  
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	100			
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93			
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86			
3	102	95	90	86	100	94	89	85	91	87	84	89	86	83	87	84	82	80			
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74			
5	92	84	78	73	90	83	77	73	81	76	72	79	75	72	78	74	71	70			
6	88	79	73	68	86	78	72	68	76	71	68	75	71	67	74	70	67	65			
7	83	74	68	64	82	74	68	64	72	67	63	71	67	63	70	66	63	61			
8	80	70	64	60	78	70	64	60	69	63	60	67	63	60	67	62	59	58			
9	76	67	61	57	75	66	60	57	65	60	56	64	60	56	63	59	56	55			
10	73	63	58	54	72	63	57	54	62	57	53	61	57	53	60	56	53	52			

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

	0°
0°	170864
5°	165529
10°	149162
15°	123383
20°	95535
25°	71665
30°	52033
35°	34666
40°	21297
45°	12497
50°	7676
55°	6232
60°	5438
65°	4410
70°	3975
75°	3982
80°	2904
85°	4026

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 12497 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	69.2	13.8
10°-20°	149.7	29.9
20°-30°	136.2	27.2
30°-40°	82.3	16.5
40°-50°	33.0	6.6
50°-60°	14.6	2.9
60°-70°	8.8	1.8
70°-80°	4.8	1.0
80°-90°	1.4	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°	355.1	71.0
0°-40°	437.4	87.5
0°-60°	485.0	97.0
0°-90°	500.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	500.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	779	
5°	752	69
15°	544	150
25°	296	136
35°	130	82
45°	40	33
55°	16	15
65°	8	9
75°	5	5
85°	2	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	779.2
1°	778.4
2°	775.3
3°	769.9
4°	762.1
5°	752.0
6°	739.6
7°	726.5
8°	709.4
9°	690.0
10°	669.9
11°	646.6
12°	621.8
13°	597.0
14°	569.8
15°	543.5
17.5°	474.5
20°	409.4
22.5°	348.9
25°	296.2
27.5°	248.1
30°	205.5
32.5°	165.9
35°	129.5
37.5°	99.2
40°	74.4
42.5°	54.3
45°	40.3
47.5°	30.2
50°	22.5
52.5°	17.8
55°	16.3
57.5°	14.0
60°	12.4
62.5°	10.1
65°	8.5
67.5°	7.8
70°	6.2
72.5°	5.4
75°	4.7
77.5°	3.9
80°	2.3
82.5°	1.6
85°	1.6
87.5°	0.8



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)