

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: P1296431

Luminaire Tested: P3A13R30W2N902750DE010 E3DLP1MW\_5000K

Issue Date: 1/30/2026

**Test Information**

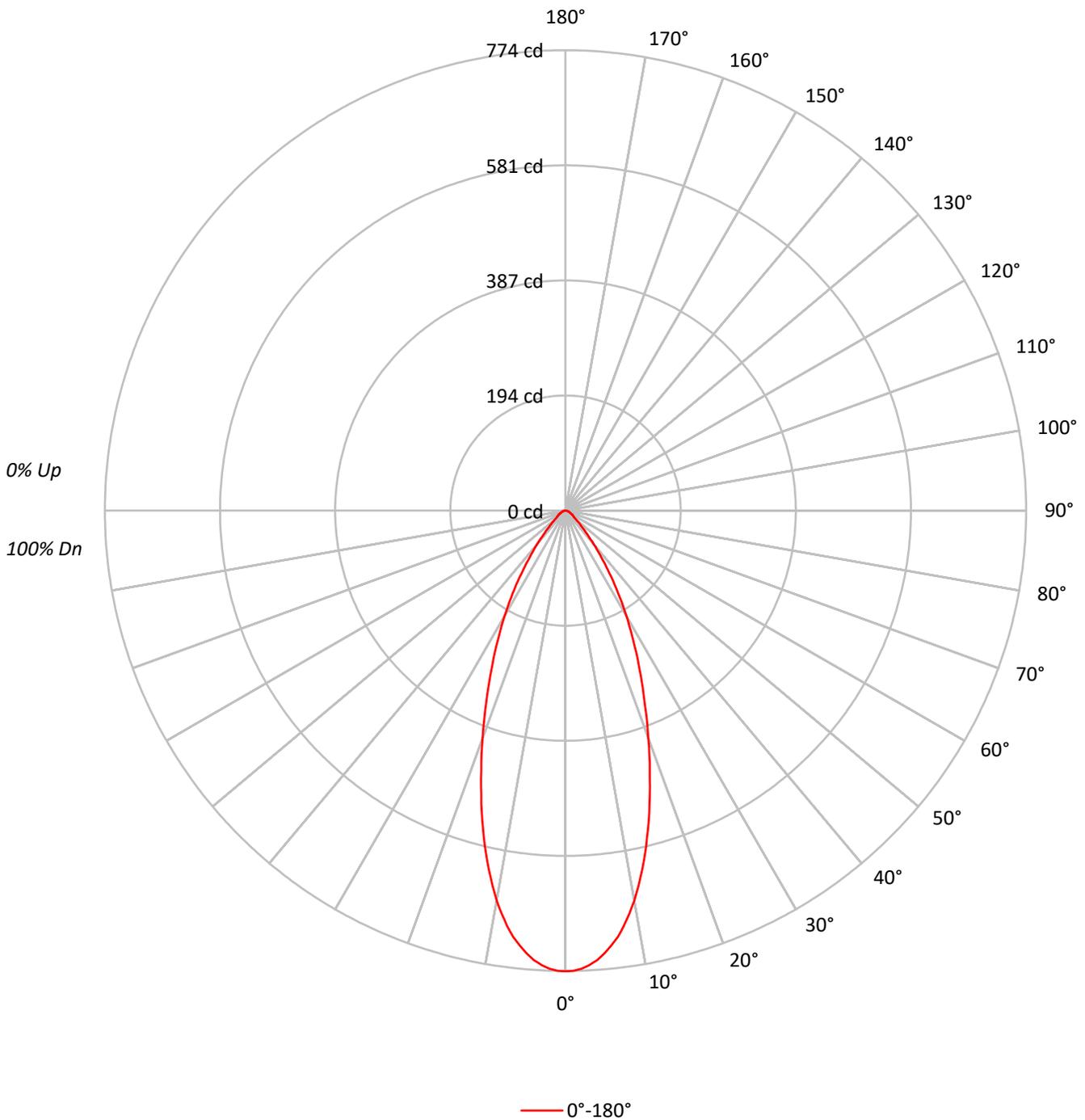
Test Method: LM-79-2019  
Report Number: P1296431  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A13R30W2N902750DE010 E3DLP1MW\_5000K  
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 5000K CCT AND, 90CRI ,  
E3DLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 497.0 lumens  
Efficiency: N/A  
Efficacy: 40.4 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	54	61	57	53	61	56	53	52			

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

	0°
0°	169833
5°	164538
10°	148249
15°	122634
20°	94952
25°	71230
30°	51704
35°	34452
40°	21183
45°	12435
50°	7607
55°	6193
60°	5394
65°	4410
70°	3975
75°	3897
80°	2904
85°	3774

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 12435 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	68.8	13.8
10°-20°	148.8	29.9
20°-30°	135.4	27.2
30°-40°	81.8	16.5
40°-50°	32.8	6.6
50°-60°	14.5	2.9
60°-70°	8.8	1.8
70°-80°	4.8	1.0
80°-90°	1.3	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°	352.9	71.0
0°-40°	434.7	87.5
0°-60°	482.1	97.0
0°-90°	497.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	497.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	774	
5°	748	69
15°	540	149
25°	294	135
35°	129	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°	774.5
1°	773.7
2°	770.7
3°	765.3
4°	757.6
5°	747.5
6°	735.2
7°	722.1
8°	705.1
9°	685.9
10°	665.8
11°	642.7
12°	618.1
13°	593.4
14°	566.4
15°	540.2
17.5°	471.6
20°	406.9
22.5°	346.8
25°	294.4
27.5°	246.6
30°	204.2
32.5°	164.9
35°	128.7
37.5°	98.6
40°	74.0
42.5°	53.9
45°	40.1
47.5°	30.1
50°	22.3
52.5°	17.7
55°	16.2
57.5°	13.9
60°	12.3
62.5°	10.0
65°	8.5
67.5°	7.7
70°	6.2
72.5°	5.4
75°	4.6
77.5°	3.9
80°	2.3
82.5°	1.5
85°	1.5
87.5°	0.8



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)