

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: P1262695

Luminaire Tested: P3A13R309727DE010 E3DLP1LI

Issue Date: 1/30/2026

**Test Information**

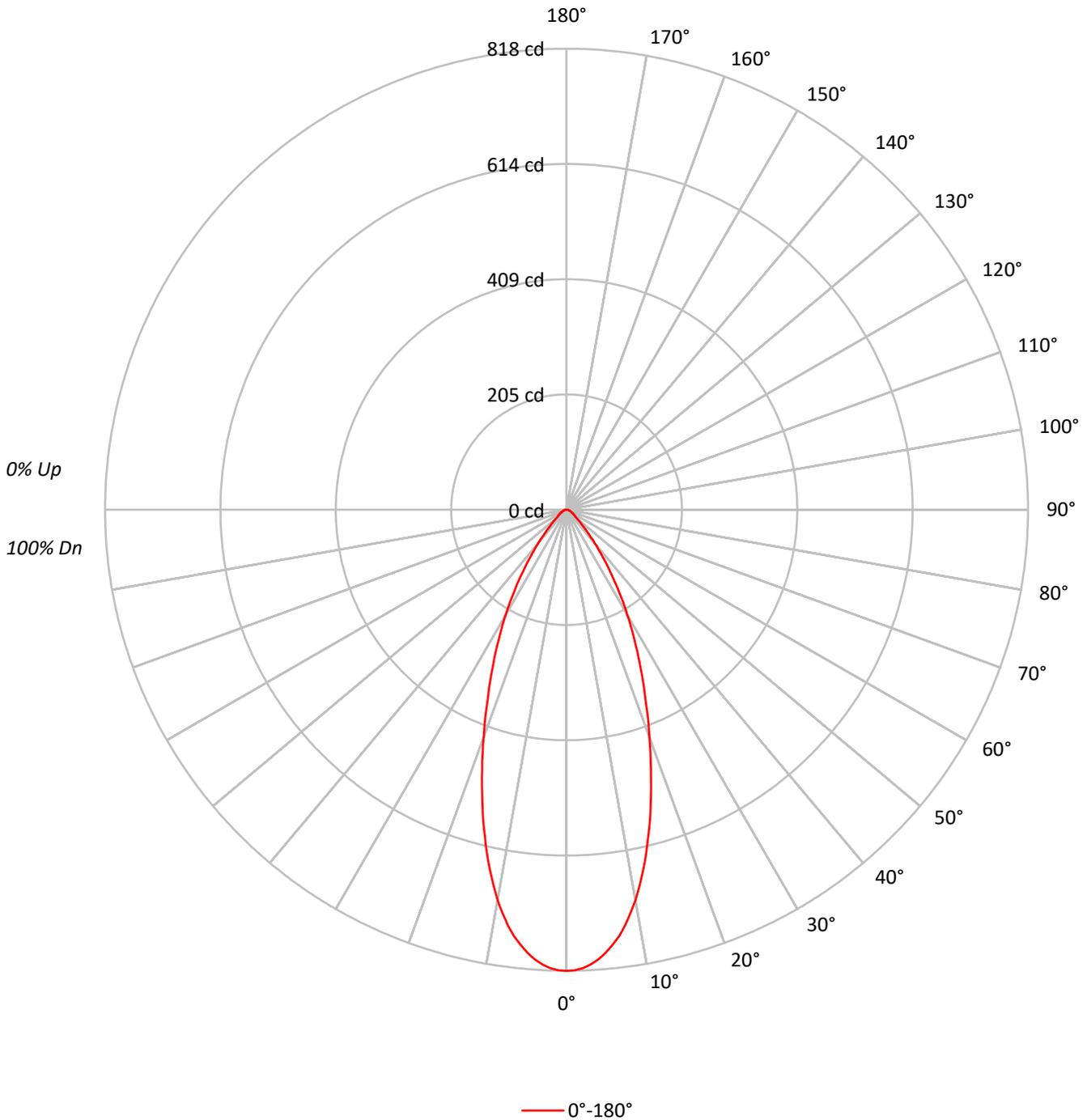
Test Method: LM-79-2019  
Report Number: P1262695  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A13R309727DE010 E3DLP1LI  
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 97CRI , E3DLP1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 525.0 lumens  
Efficiency: N/A  
Efficacy: 36.0 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): 14.6  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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			100
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93			93
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86			86
3	102	95	90	86	100	94	89	85	91	87	84	89	86	83	87	84	82	80			80
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74			74
5	92	84	78	73	90	83	77	73	81	76	72	79	75	72	78	74	71	70			70
6	88	79	73	68	86	78	72	68	76	71	68	75	71	67	74	70	67	65			65
7	83	74	68	64	82	74	68	64	72	67	63	71	67	63	70	66	63	61			61
8	80	70	64	60	78	70	64	60	69	63	60	67	63	60	67	62	59	58			58
9	76	67	61	57	75	66	60	57	65	60	56	64	60	56	63	59	56	55			55
10	73	63	58	54	72	63	57	54	62	57	54	61	57	53	61	56	53	52			52

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

	0°
0°	179394
5°	173805
10°	156621
15°	129558
20°	100295
25°	75246
30°	54616
35°	36379
40°	22385
45°	13118
50°	8051
55°	6537
60°	5701
65°	4670
70°	4167
75°	4151
80°	3031
85°	4026

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 13118 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	72.6	13.8
10°-20°	157.2	29.9
20°-30°	143.0	27.2
30°-40°	86.4	16.5
40°-50°	34.7	6.6
50°-60°	15.3	2.9
60°-70°	9.3	1.8
70°-80°	5.1	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°	372.8	71.0
0°-40°	459.2	87.5
0°-60°	509.2	97.0
0°-90°	525.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	525.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	818	
5°	790	73
15°	571	157
25°	311	143
35°	136	86
45°	42	35
55°	17	15
65°	9	9
75°	5	5
85°	2	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	818.1
1°	817.3
2°	814.1
3°	808.4
4°	800.2
5°	789.6
6°	776.6
7°	762.8
8°	744.9
9°	724.5
10°	703.4
11°	678.9
12°	652.9
13°	626.8
14°	598.3
15°	570.7
17.5°	498.2
20°	429.8
22.5°	366.3
25°	311.0
27.5°	260.5
30°	215.7
32.5°	174.2
35°	135.9
37.5°	104.2
40°	78.2
42.5°	57.0
45°	42.3
47.5°	31.7
50°	23.6
52.5°	18.7
55°	17.1
57.5°	14.7
60°	13.0
62.5°	10.6
65°	9.0
67.5°	8.1
70°	6.5
72.5°	5.7
75°	4.9
77.5°	4.1
80°	2.4
82.5°	1.6
85°	1.6
87.5°	0.8



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)