

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: P1269920

Luminaire Tested: P3A13R459740DE010 E3DLP1WMH

Issue Date: 1/30/2026

**Test Information**

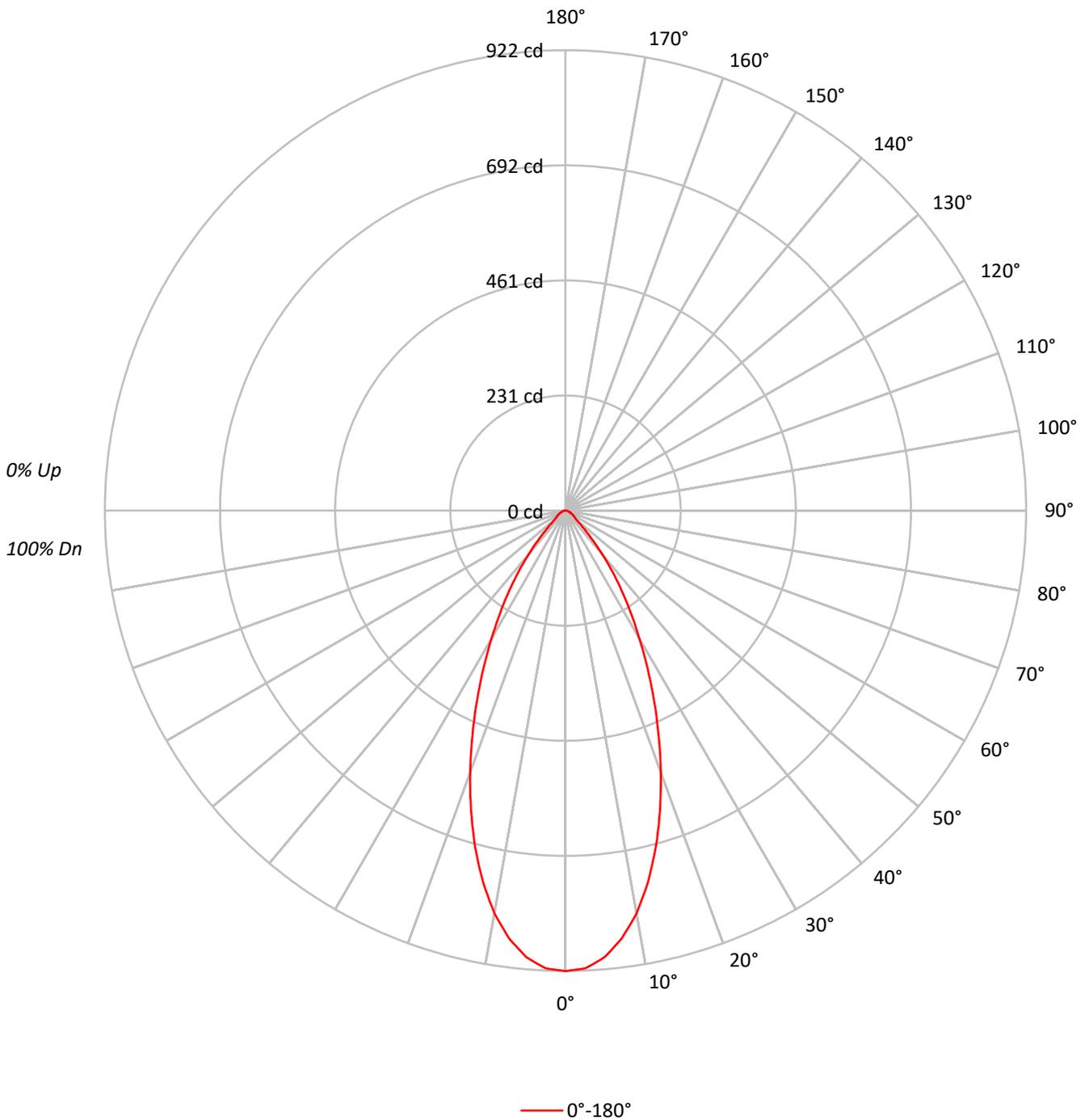
Test Method: LM-79-2019  
Report Number: P1269920  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A13R459740DE010 E3DLP1WMH  
Description: 3in Adjustable LED luminaire with, R45 optic, 4000K CCT AND, 97CRI , E3DLP1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 678.9 lumens  
Efficiency: N/A  
Efficacy: 46.5 lumens/watt  
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 14.6  
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	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93			
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	86			
3	102	95	90	85	100	93	89	85	91	87	83	88	85	82	86	83	81	79			
4	96	88	83	78	94	87	82	78	85	81	77	83	79	76	81	78	75	74			
5	91	83	77	72	90	82	76	72	80	75	71	78	74	71	77	73	70	69			
6	87	78	72	67	85	77	71	67	75	70	66	74	69	66	73	69	66	64			
7	83	73	67	63	81	72	67	63	71	66	62	70	65	62	69	65	61	60			
8	79	69	63	59	77	68	63	59	67	62	58	66	62	58	65	61	58	56			
9	75	65	59	55	74	65	59	55	64	59	55	63	58	55	62	58	55	53			
10	72	62	56	52	71	61	56	52	61	55	52	60	55	52	59	55	52	50			

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

	0°
0°	202243
5°	197644
10°	182317
15°	158525
20°	130235
25°	101328
30°	74822
35°	52655
40°	32862
45°	17800
50°	9620
55°	8258
60°	7412
65°	6330
70°	5450
75°	5592
80°	4799
85°	4780

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 17800 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	83.2	12.2
10°-20°	193.1	28.4
20°-30°	191.7	28.2
30°-40°	123.4	18.2
40°-50°	47.5	7.0
50°-60°	19.3	2.8
60°-70°	12.2	1.8
70°-80°	6.6	1.0
80°-90°	2.0	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°	467.9	68.9
0°-40°	591.3	87.1
0°-60°	658.1	96.9
0°-90°	678.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	678.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	922	
5°	898	83
15°	698	193
25°	419	192
35°	197	123
45°	57	48
55°	22	19
65°	12	12
75°	7	7
85°	2	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	922.3
2.5°	917.6
5°	897.9
7.5°	864.0
10°	818.8
12.5°	762.3
15°	698.3
17.5°	628.7
20°	558.1
22.5°	486.6
25°	418.8
27.5°	354.8
30°	295.5
32.5°	243.8
35°	196.7
37.5°	154.3
40°	114.8
42.5°	82.8
45°	57.4
47.5°	38.6
50°	28.2
52.5°	23.5
55°	21.6
57.5°	18.8
60°	16.9
62.5°	14.1
65°	12.2
67.5°	10.4
70°	8.5
72.5°	7.5
75°	6.6
77.5°	4.7
80°	3.8
82.5°	2.8
85°	1.9
87.5°	0.9
90°	0.0

(END OF REPORT)