

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: P1262771

Luminaire Tested: P3AS13R459727DE010 E3DL1WMH

Issue Date: 1/30/2026

**Test Information**

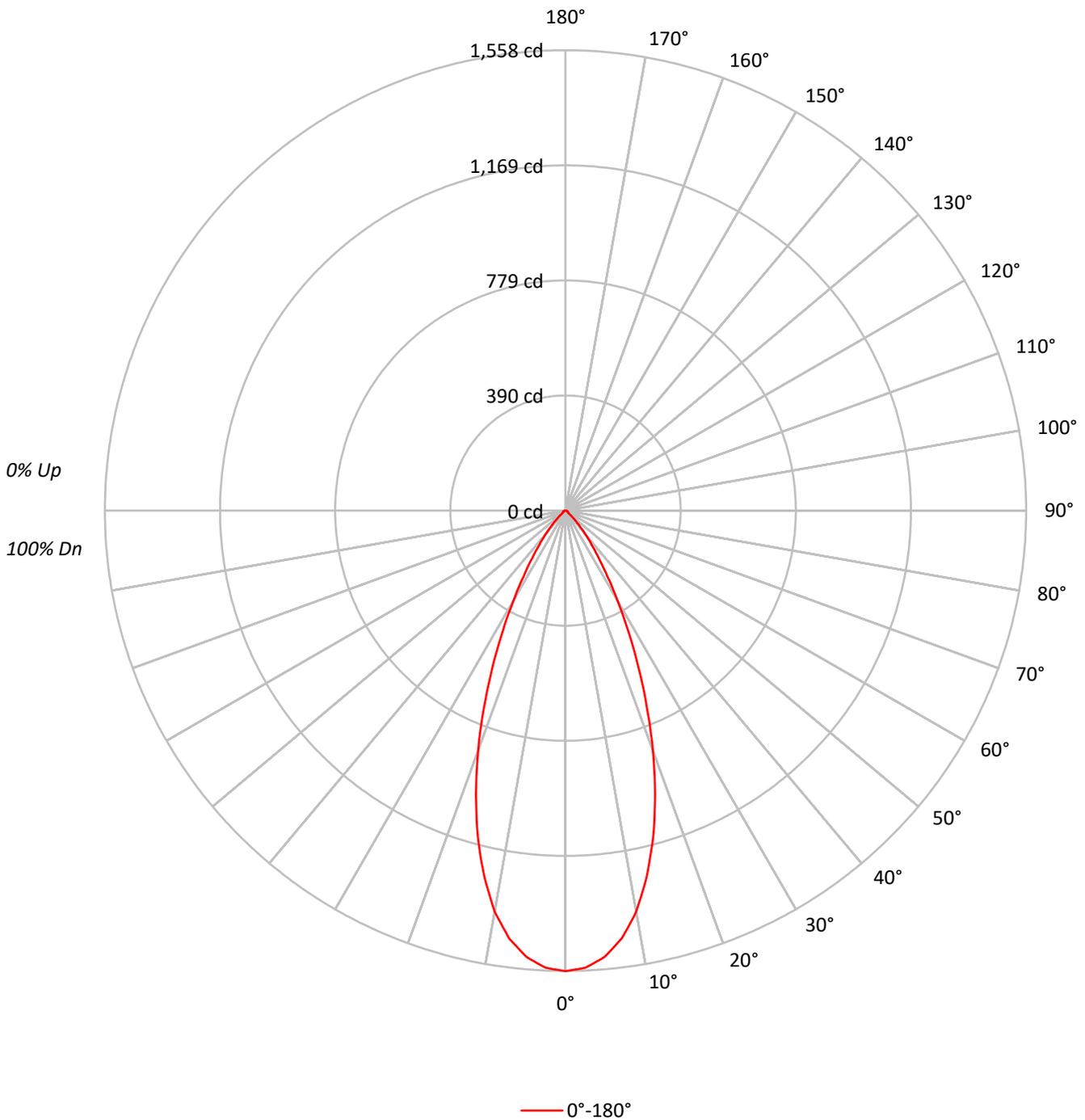
Test Method: LM-79-2019  
Report Number: P1262771  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-27)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R459727DE010 E3DL1WMH  
Description: 3in Adjustable LED luminaire with, R45 optic, 2700K CCT AND, 97CRI , E3DL1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 910.0 lumens  
Efficiency: N/A  
Efficacy: 62.3 lumens/watt  
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.69  
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

TEST NUMBER: P1262771  
CATALOG NUMBER: P3AS13R459727DE010 E3DL1WMH

### Luminous Intensity Polar Plot





TEST NUMBER: P1262771  
 CATALOG NUMBER: P3AS13R459727DE010 E3DL1WMH

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				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	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94				94
2	109	104	100	97	106	102	99	96	99	96	94	96	94	92	93	91	90	88				88
3	104	98	93	89	102	96	92	88	94	90	87	91	88	86	89	86	84	83				83
4	99	92	87	83	97	91	86	82	89	85	81	87	83	80	85	82	79	78				78
5	94	87	81	77	93	86	81	77	84	80	76	82	79	76	81	78	75	74				74
6	90	82	77	73	89	81	76	72	80	75	72	78	74	71	77	74	71	70				70
7	86	78	72	68	85	77	72	68	76	71	68	75	71	67	74	70	67	66				66
8	83	74	68	65	82	73	68	64	72	68	64	71	67	64	70	67	64	62				62
9	79	70	65	61	78	70	65	61	69	64	61	68	64	61	67	63	61	59				59
10	76	67	62	58	75	67	62	58	66	61	58	65	61	58	65	61	58	57				57

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

	0°
0°	341727
5°	333721
10°	306786
15°	259933
20°	201688
25°	140984
30°	88824
35°	52280
40°	29598
45°	14389
50°	4981
55°	4052
60°	3947
65°	3788
70°	3654
75°	3474
80°	3031
85°	2013

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 14389 cd/sqm



TEST NUMBER: P1262771  
 CATALOG NUMBER: P3AS13R459727DE010 E3DL1WMH

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	140.3	15.4
10°-20°	314.4	34.6
20°-30°	267.0	29.3
30°-40°	127.4	14.0
40°-50°	38.4	4.2
50°-60°	9.7	1.1
60°-70°	7.2	0.8
70°-80°	4.3	0.5
80°-90°	1.2	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°	721.8	79.3
0°-40°	849.2	93.3
0°-60°	897.3	98.6
0°-90°	910.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	910.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1558	
5°	1516	140
15°	1145	314
25°	583	267
35°	195	127
45°	46	38
55°	11	10
65°	7	7
75°	4	4
85°	1	1
90°	0	



TEST NUMBER: P1262771  
CATALOG NUMBER: P3AS13R459727DE010 E3DL1WMH

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1558.4
2.5°	1548.7
5°	1516.1
7.5°	1460.0
10°	1377.8
12.5°	1268.7
15°	1145.0
17.5°	1007.5
20°	864.3
22.5°	718.6
25°	582.7
27.5°	459.0
30°	350.8
32.5°	263.7
35°	195.3
37.5°	144.0
40°	103.4
42.5°	71.6
45°	46.4
47.5°	26.0
50°	14.6
52.5°	11.4
55°	10.6
57.5°	9.8
60°	9.0
62.5°	8.1
65°	7.3
67.5°	6.5
70°	5.7
72.5°	4.9
75°	4.1
77.5°	3.3
80°	2.4
82.5°	1.6
85°	0.8
87.5°	0.8
90°	0.0

(END OF REPORT)