

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: P1271073

Luminaire Tested: P3AS02R559827DE010 E3DLP1WMH

Issue Date: 1/30/2026

**Test Information**

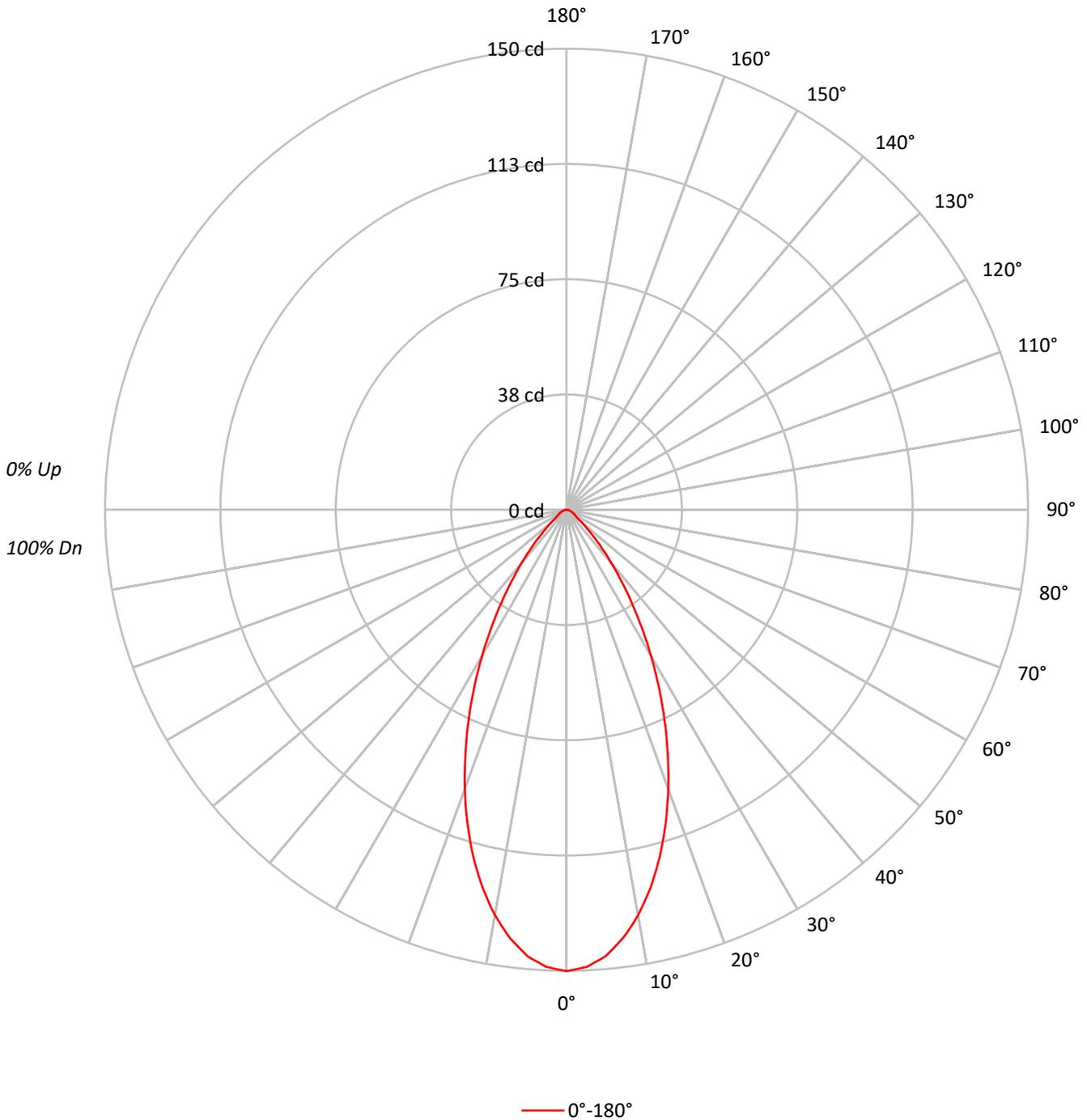
Test Method: LM-79-2019  
Report Number: P1271073  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R559827DE010 E3DLP1WMH  
Description: 3in Adjustable LED luminaire with, R55 optic, 2700K CCT AND, 98CRI , E3DLP1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 121.0 lumens  
Efficiency: N/A  
Efficacy: 33.6 lumens/watt  
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 3.6  
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				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	107	105	110	108	105	103	104	102	100	100	98	97	97	95	94	92				92
2	107	102	97	94	105	100	96	93	97	93	91	94	91	89	91	89	87	85				85
3	101	94	89	85	99	93	88	84	90	86	83	88	84	81	85	83	80	79				79
4	96	88	82	77	94	87	81	77	84	80	76	82	78	75	80	77	74	73				73
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69	67				67
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	68	64	63				63
7	82	72	66	61	80	71	65	61	70	65	61	69	64	60	68	63	60	59				59
8	78	68	62	57	76	67	61	57	66	61	57	65	60	57	64	60	56	55				55
9	74	64	58	54	73	63	58	54	62	57	53	62	57	53	61	56	53	52				52
10	70	60	55	51	69	60	54	50	59	54	50	58	54	50	58	53	50	49				49

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

	0°
0°	32914
5°	32093
10°	29837
15°	26561
20°	22565
25°	18219
30°	13901
35°	9878
40°	6527
45°	3876
50°	2252
55°	1415
60°	1228
65°	1141
70°	962
75°	847
80°	884
85°	755

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 3876 cd/sqm

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	13.5	11.2
10°-20°	32.4	26.8
20°-30°	34.4	28.4
30°-40°	23.2	19.2
40°-50°	10.2	8.4
50°-60°	3.6	3.0
60°-70°	2.1	1.8
70°-80°	1.1	0.9
80°-90°	0.4	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°	80.3	66.4
0°-40°	103.6	85.6
0°-60°	117.4	97.0
0°-90°	121.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	121.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	150	
5°	146	14
15°	117	32
25°	75	34
35°	37	23
45°	12	10
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	150.1
2.5°	148.9
5°	145.8
7.5°	140.6
10°	134.0
12.5°	126.0
15°	117.0
17.5°	107.1
20°	96.7
22.5°	85.9
25°	75.3
27.5°	64.8
30°	54.9
32.5°	45.4
35°	36.9
37.5°	29.3
40°	22.8
42.5°	17.1
45°	12.5
47.5°	9.1
50°	6.6
52.5°	4.7
55°	3.7
57.5°	3.3
60°	2.8
62.5°	2.5
65°	2.2
67.5°	1.8
70°	1.5
72.5°	1.3
75°	1.0
77.5°	0.8
80°	0.7
82.5°	0.5
85°	0.3
87.5°	0.2
90°	0.0

(END OF REPORT)