

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: P1271010

Luminaire Tested: P3AS02R459827DE010 E3DLP1GPH

Issue Date: 1/30/2026

**Test Information**

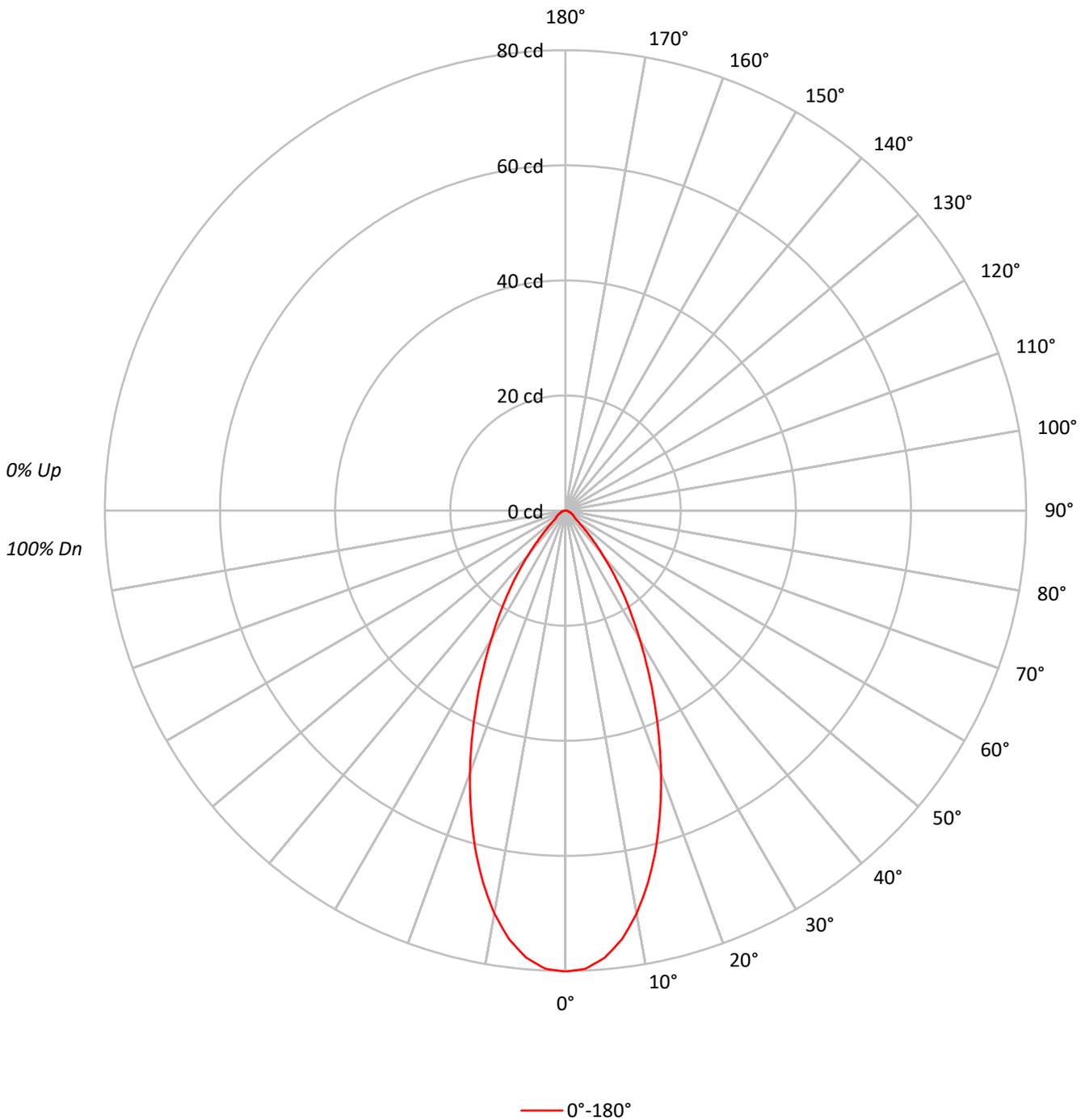
Test Method: LM-79-2019  
Report Number: P1271010  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R459827DE010 E3DLP1GPH  
Description: 3in Adjustable LED luminaire with, R45 optic, 2700K CCT AND, 98CRI , E3DLP1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 59.0 lumens  
Efficiency: N/A  
Efficacy: 16.4 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): 3.6  
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				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	102	102	102	100
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94	94	94	94	93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	91	89	87	86
3	102	95	90	85	100	93	89	85	91	87	83	88	85	82	86	83	81	86	83	81	79
4	96	88	83	78	94	87	82	78	85	81	77	83	79	76	81	78	75	81	78	75	74
5	91	83	77	72	90	82	76	72	80	75	71	78	74	71	77	73	70	77	73	70	69
6	87	78	72	67	85	77	71	67	75	70	66	74	69	66	73	69	66	73	69	66	64
7	83	73	67	63	81	72	67	62	71	66	62	70	65	62	69	65	61	69	65	61	60
8	79	69	63	59	77	68	63	59	67	62	58	66	62	58	65	61	58	65	61	58	56
9	75	65	59	55	74	65	59	55	64	59	55	63	58	55	62	58	55	62	58	55	53
10	72	62	56	52	71	61	56	52	61	55	52	60	55	52	59	55	52	59	55	52	50

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

	0°
0°	17564
5°	17169
10°	15831
15°	13780
20°	11318
25°	8807
30°	6507
35°	4578
40°	2863
45°	1551
50°	853
55°	726
60°	658
65°	571
70°	449
75°	508
80°	379
85°	503

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 1551 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	7.2	12.2
10°-20°	16.8	28.4
20°-30°	16.7	28.2
30°-40°	10.7	18.2
40°-50°	4.2	7.0
50°-60°	1.7	2.8
60°-70°	1.1	1.8
70°-80°	0.6	1.0
80°-90°	0.2	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°	40.6	68.9
0°-40°	51.4	87.0
0°-60°	57.2	96.9
0°-90°	59.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	59.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	80	
5°	78	7
15°	61	17
25°	36	17
35°	17	11
45°	5	4
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	80.1
2.5°	79.7
5°	78.0
7.5°	75.1
10°	71.1
12.5°	66.2
15°	60.7
17.5°	54.6
20°	48.5
22.5°	42.3
25°	36.4
27.5°	30.8
30°	25.7
32.5°	21.2
35°	17.1
37.5°	13.4
40°	10.0
42.5°	7.2
45°	5.0
47.5°	3.4
50°	2.5
52.5°	2.0
55°	1.9
57.5°	1.6
60°	1.5
62.5°	1.2
65°	1.1
67.5°	0.9
70°	0.7
72.5°	0.7
75°	0.6
77.5°	0.4
80°	0.3
82.5°	0.2
85°	0.2
87.5°	0.1
90°	0.0

(END OF REPORT)