

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: P1273023

Luminaire Tested: P3A02R359830DE010 E3DLP1GPH

Issue Date: 1/30/2026

**Test Information**

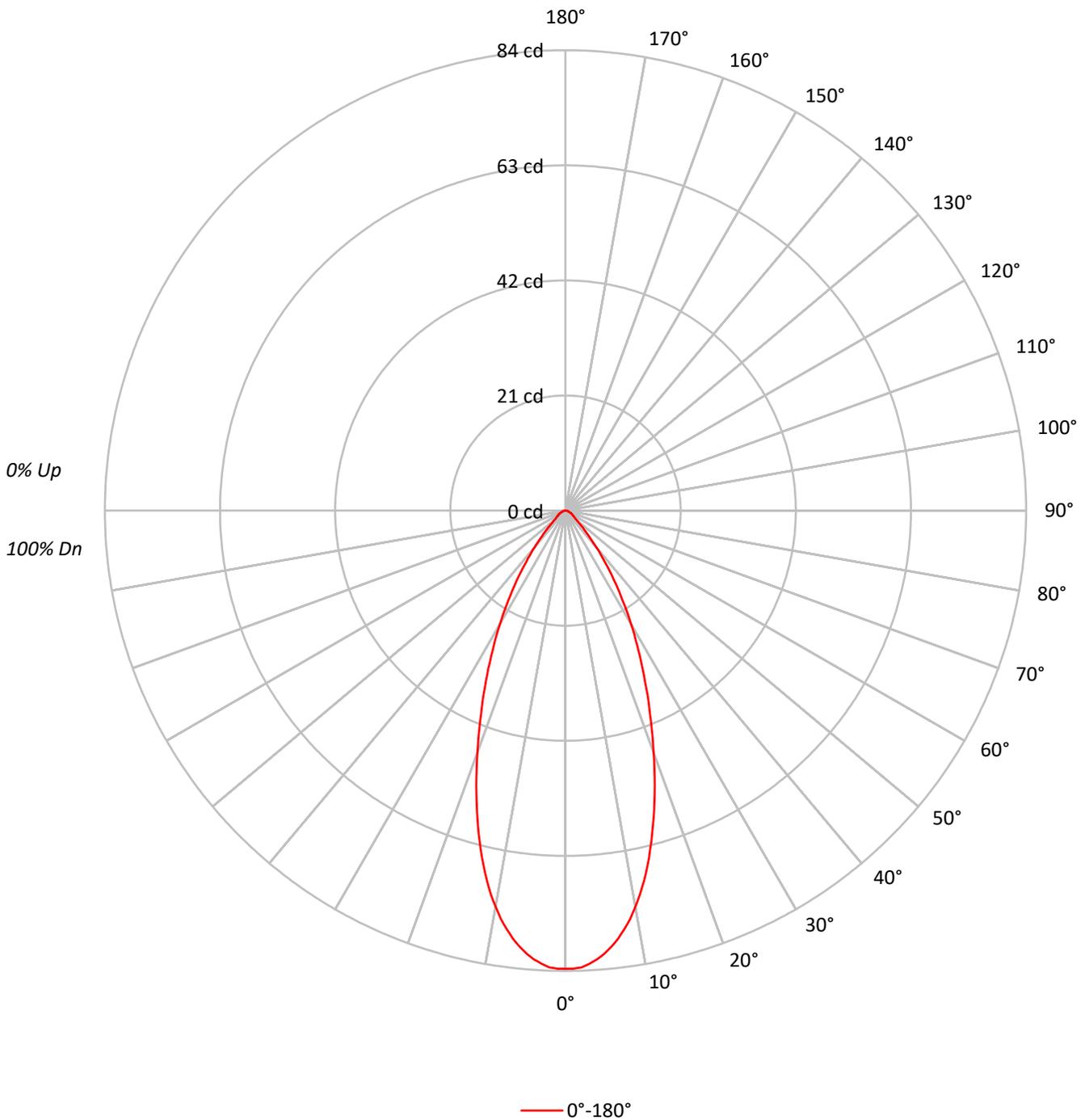
Test Method: LM-79-2019  
Report Number: P1273023  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A02R359830DE010 E3DLP1GPH  
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 98CRI , E3DLP1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 57.0 lumens  
Efficiency: N/A  
Efficacy: 15.8 lumens/watt  
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72  
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				
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	100	100
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93	93	93	93
2	107	102	98	94	105	100	97	93	97	94	91	94	92	89	91	89	87	86	86	86	86
3	102	95	90	86	100	94	89	85	91	87	84	89	85	82	86	84	81	80	80	80	80
4	97	89	83	79	95	88	82	78	86	81	77	83	80	76	82	78	76	74	74	74	74
5	92	83	77	73	90	82	77	73	80	76	72	79	75	71	77	74	71	69	69	69	69
6	87	78	72	68	86	77	72	68	76	71	67	75	70	67	73	69	66	65	65	65	65
7	83	74	68	63	82	73	67	63	72	67	63	71	66	63	69	65	62	61	61	61	61
8	79	70	64	60	78	69	63	59	68	63	59	67	62	59	66	62	59	57	57	57	57
9	76	66	60	56	75	66	60	56	65	59	56	64	59	56	63	59	55	54	54	54	54
10	72	63	57	53	71	62	57	53	61	56	53	61	56	53	60	56	53	51	51	51	51

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

	0°
0°	18332
5°	17874
10°	16343
15°	13871
20°	10968
25°	8299
30°	6052
35°	4096
40°	2519
45°	1458
50°	853
55°	688
60°	614
65°	571
70°	449
75°	424
80°	505
85°	503

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 1458 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	7.5	13.2
10°-20°	16.8	29.5
20°-30°	15.8	27.6
30°-40°	9.7	16.9
40°-50°	3.8	6.7
50°-60°	1.7	2.9
60°-70°	1.1	1.8
70°-80°	0.5	0.9
80°-90°	0.2	0.4
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°	40.1	70.3
0°-40°	49.8	87.3
0°-60°	55.2	96.8
0°-90°	57.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	57.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	84	
5°	81	8
15°	61	17
25°	34	16
35°	15	10
45°	5	4
55°	2	2
65°	1	1
75°	0	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	83.6
1°	83.6
2°	83.4
3°	82.8
4°	82.1
5°	81.2
6°	80.0
7°	78.7
8°	77.1
9°	75.4
10°	73.4
11°	71.3
12°	69.0
13°	66.5
14°	63.8
15°	61.1
17.5°	54.1
20°	47.0
22.5°	40.3
25°	34.3
27.5°	28.8
30°	23.9
32.5°	19.3
35°	15.3
37.5°	11.7
40°	8.8
42.5°	6.3
45°	4.7
47.5°	3.3
50°	2.5
52.5°	2.1
55°	1.8
57.5°	1.6
60°	1.4
62.5°	1.2
65°	1.1
67.5°	0.9
70°	0.7
72.5°	0.6
75°	0.5
77.5°	0.4
80°	0.4
82.5°	0.3
85°	0.2
87.5°	0.1



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)