

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: P1264775

Luminaire Tested: P3A09R509730DE010 E3DLP1GPH

Issue Date: 1/30/2026

**Test Information**

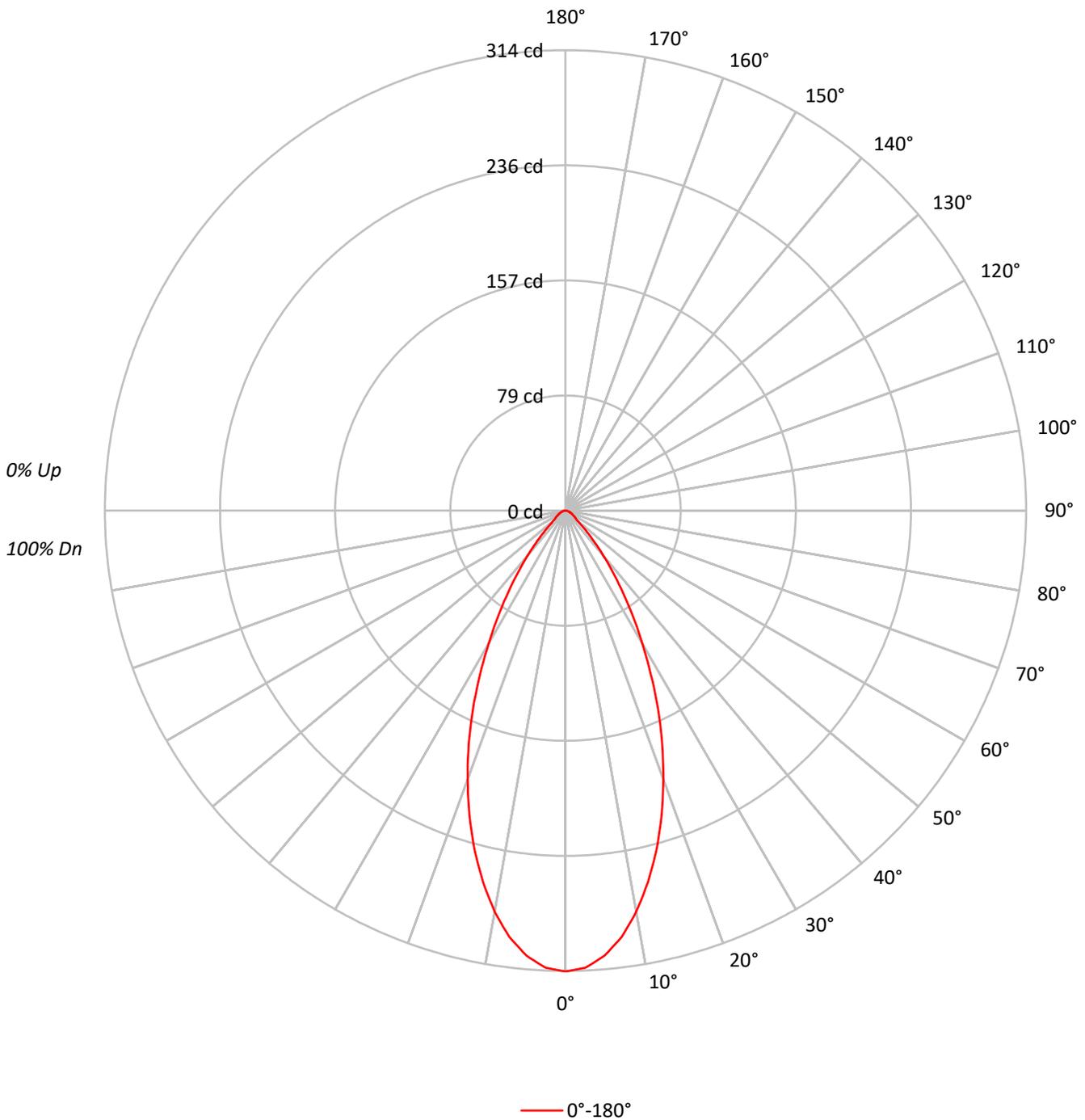
Test Method: LM-79-2019  
Report Number: P1264775  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-29)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A09R509730DE010 E3DLP1GPH  
Description: 3in Adjustable LED luminaire with, R50 optic, 3000K CCT AND, 97CRI , E3DLP1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 237.0 lumens  
Efficiency: N/A  
Efficacy: 21.3 lumens/watt  
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 11.1  
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	100				100
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	95	94	93				93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85				85
3	101	95	89	85	99	93	88	85	91	87	83	88	85	82	86	83	81	79				79
4	96	88	82	78	94	87	82	78	85	80	77	83	79	76	81	78	75	73				73
5	91	83	76	72	90	82	76	72	80	75	71	78	74	70	77	73	70	68				68
6	87	77	71	67	85	77	71	67	75	70	66	74	69	66	72	68	65	64				64
7	82	73	67	62	81	72	66	62	71	66	62	70	65	61	68	64	61	60				60
8	78	69	63	58	77	68	62	58	67	62	58	66	61	58	65	61	57	56				56
9	75	65	59	55	74	64	59	55	63	58	55	63	58	54	62	57	54	53				53
10	71	61	56	52	70	61	55	52	60	55	51	59	55	51	59	54	51	50				50

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

	0°
0°	68920
5°	67070
10°	61856
15°	54393
20°	45504
25°	36099
30°	26485
35°	18203
40°	11565
45°	6450
50°	3514
55°	2944
60°	2544
65°	2335
70°	2052
75°	1864
80°	1642
85°	1510

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 6450 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	28.2	11.9
10°-20°	66.4	28.0
20°-30°	67.9	28.7
30°-40°	43.0	18.2
40°-50°	17.1	7.2
50°-60°	6.9	2.9
60°-70°	4.4	1.9
70°-80°	2.3	1.0
80°-90°	0.7	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°	162.5	68.6
0°-40°	205.5	86.7
0°-60°	229.6	96.9
0°-90°	237.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	237.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	314	
5°	305	28
15°	240	66
25°	149	68
35°	68	43
45°	21	17
55°	8	7
65°	4	4
75°	2	2
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	314.3
2.5°	312.1
5°	304.7
7.5°	293.2
10°	277.8
12.5°	259.5
15°	239.6
17.5°	217.8
20°	195.0
22.5°	172.3
25°	149.2
27.5°	126.1
30°	104.6
32.5°	85.3
35°	68.0
37.5°	53.2
40°	40.4
42.5°	29.8
45°	20.8
47.5°	14.1
50°	10.3
52.5°	8.7
55°	7.7
57.5°	6.7
60°	5.8
62.5°	5.1
65°	4.5
67.5°	3.8
70°	3.2
72.5°	2.6
75°	2.2
77.5°	1.6
80°	1.3
82.5°	1.0
85°	0.6
87.5°	0.3
90°	0.0

(END OF REPORT)