

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: P1247451

Luminaire Tested: P3A17R609024DE010 E3DLP1GPH

Issue Date: 1/30/2026

**Test Information**

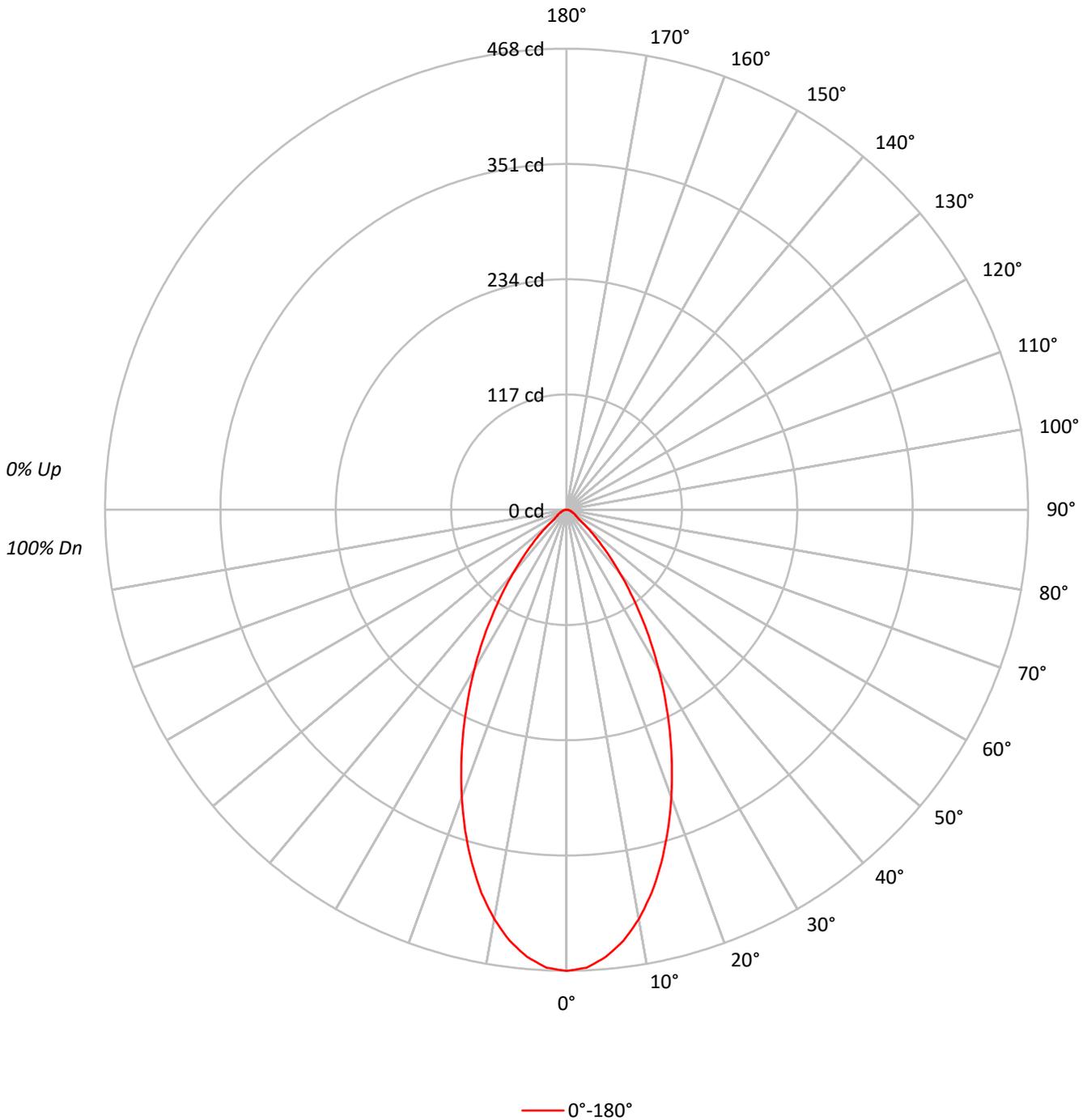
Test Method: LM-79-2019  
Report Number: P1247451  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A17R609024DE010 E3DLP1GPH  
Description: 3in Adjustable LED luminaire with, R60 optic, 2400K CCT AND, 90CRI , E3DLP1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 405.0 lumens  
Efficiency: N/A  
Efficacy: 19.1 lumens/watt  
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 21.2  
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	110	108	105	103	104	102	100	100	98	97	96	95	94	92				92
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	91	88	86	85				85
3	101	94	88	84	99	92	87	83	90	86	82	87	84	81	85	82	80	78				78
4	95	87	81	77	93	86	80	76	84	79	75	82	78	74	80	76	73	72				72
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66				66
6	85	76	69	65	84	75	69	65	73	68	64	72	67	64	71	66	63	62				62
7	81	71	65	60	79	70	64	60	69	64	60	68	63	59	67	62	59	58				58
8	77	67	60	56	75	66	60	56	65	60	56	64	59	55	63	58	55	54				54
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	60	55	52	50				50
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	49	47				47

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

	0°
0°	102645
5°	100330
10°	93942
15°	84268
20°	72480
25°	59931
30°	47349
35°	35175
40°	24217
45°	15195
50°	8358
55°	4893
60°	4386
65°	3736
70°	3206
75°	3304
80°	2778
85°	2768

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 15195 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	42.4	10.5
10°-20°	103.1	25.5
20°-30°	113.1	27.9
30°-40°	82.4	20.3
40°-50°	38.9	9.6
50°-60°	12.7	3.1
60°-70°	7.2	1.8
70°-80°	3.9	1.0
80°-90°	1.2	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°	258.6	63.9
0°-40°	341.0	84.2
0°-60°	392.7	97.0
0°-90°	405.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	405.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	468	
5°	456	42
15°	371	103
25°	248	113
35°	131	82
45°	49	39
55°	13	13
65°	7	7
75°	4	4
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	468.1
2.5°	465.3
5°	455.8
7.5°	441.4
10°	421.9
12.5°	398.5
15°	371.2
17.5°	341.7
20°	310.6
22.5°	278.8
25°	247.7
27.5°	216.5
30°	187.0
32.5°	158.6
35°	131.4
37.5°	106.9
40°	84.6
42.5°	65.1
45°	49.0
47.5°	35.6
50°	24.5
52.5°	16.1
55°	12.8
57.5°	11.1
60°	10.0
62.5°	8.3
65°	7.2
67.5°	6.1
70°	5.0
72.5°	4.5
75°	3.9
77.5°	2.8
80°	2.2
82.5°	1.7
85°	1.1
87.5°	0.6
90°	0.0

(END OF REPORT)