

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: P1247445

Luminaire Tested: P3A17R609024DE010 E3DLD1GPH

Issue Date: 1/30/2026

**Test Information**

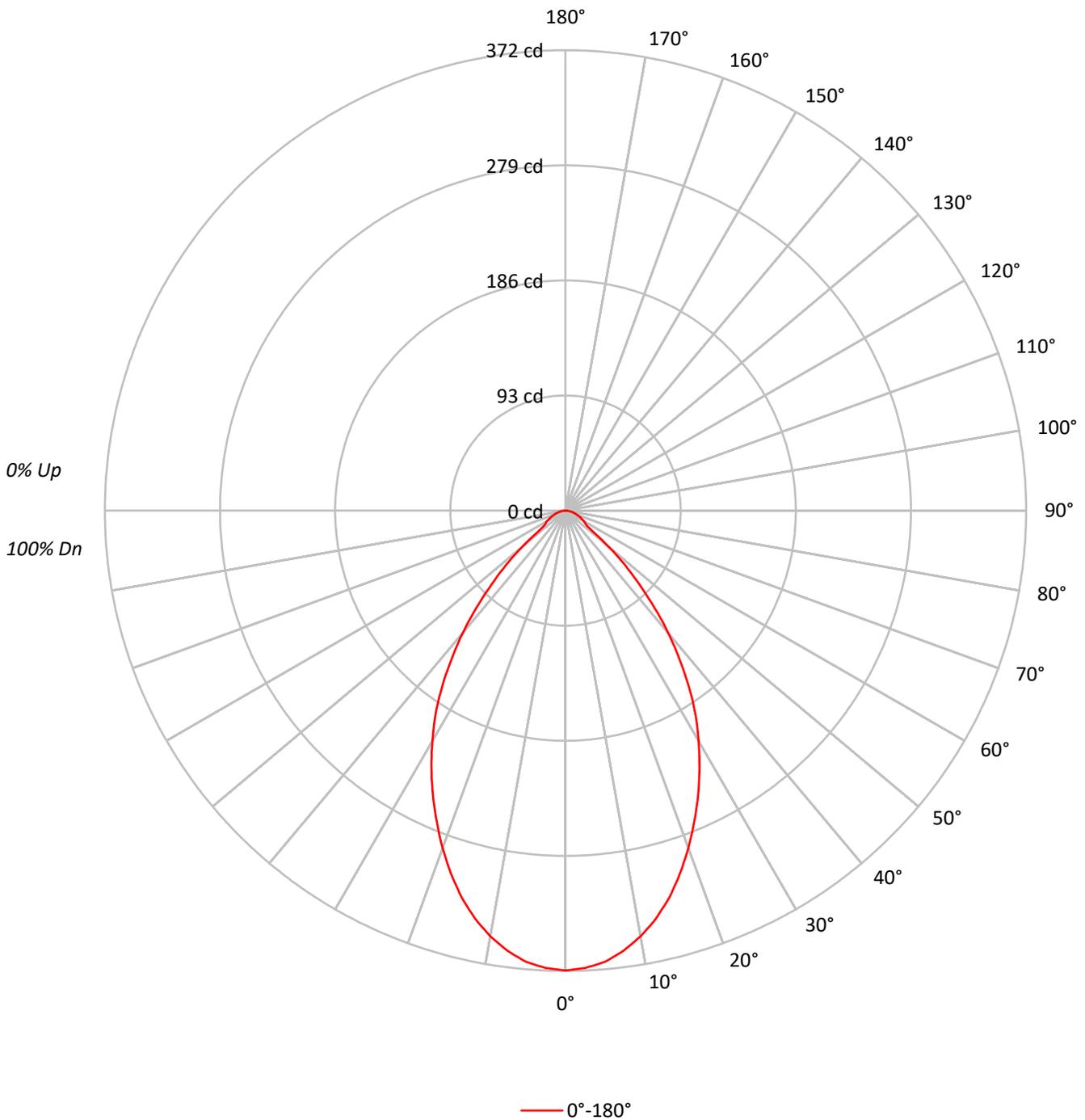
Test Method: LM-79-2019  
Report Number: P1247445  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A17R609024DE010 E3DLD1GPH  
Description: 3in Adjustable LED luminaire with, R60 optic, 2400K CCT AND, 90CRI , E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 459.0 lumens  
Efficiency: N/A  
Efficacy: 21.7 lumens/watt  
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1  
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				
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	112	109	106	103	110	107	104	101	102	100	98	99	97	95	95	94	93	91	91	91	91
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	86	84	82	82	82	82
3	99	91	85	80	96	89	84	79	87	82	78	84	80	77	82	78	76	74	74	74	74
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67	67	67	67
5	87	77	70	65	85	76	69	65	74	68	64	72	67	63	71	66	63	61	61	61	61
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	58	56	56	56	56
7	77	66	59	54	75	65	59	54	64	58	54	63	57	53	61	57	53	51	51	51	51
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47	47	47	47
9	68	57	51	46	67	57	50	46	56	50	46	55	49	46	54	49	45	44	44	44	44
10	65	54	47	43	64	53	47	43	52	47	43	52	46	42	51	46	42	41	41	41	41

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

	0°
0°	81485
5°	80563
10°	77776
15°	73485
20°	67719
25°	61334
30°	54439
35°	46525
40°	36984
45°	26080
50°	15590
55°	7875
60°	7587
65°	6953
70°	6411
75°	6100
80°	5683
85°	4277

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 26080 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	34.4	7.5
10°-20°	90.5	19.7
20°-30°	116.1	25.3
30°-40°	107.7	23.5
40°-50°	65.6	14.3
50°-60°	21.8	4.8
60°-70°	13.3	2.9
70°-80°	7.5	1.6
80°-90°	2.1	0.5
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°	241.0	52.5
0°-40°	348.7	76.0
0°-60°	436.1	95.0
0°-90°	459.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	459.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	372	
5°	366	34
15°	324	90
25°	254	116
35°	174	108
45°	84	66
55°	21	22
65°	13	13
75°	7	8
85°	2	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	371.6
2.5°	369.9
5°	366.0
7.5°	358.8
10°	349.3
12.5°	337.6
15°	323.7
17.5°	307.5
20°	290.2
22.5°	271.9
25°	253.5
27.5°	234.5
30°	215.0
32.5°	195.5
35°	173.8
37.5°	151.0
40°	129.2
42.5°	106.4
45°	84.1
47.5°	65.2
50°	45.7
52.5°	27.3
55°	20.6
57.5°	18.9
60°	17.3
62.5°	15.0
65°	13.4
67.5°	11.7
70°	10.0
72.5°	8.4
75°	7.2
77.5°	5.6
80°	4.5
82.5°	2.8
85°	1.7
87.5°	1.1
90°	0.0

(END OF REPORT)