

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: P1249344

Luminaire Tested: P3AS13R459027DE010 E3DLD1GPH

Issue Date: 1/30/2026

**Test Information**

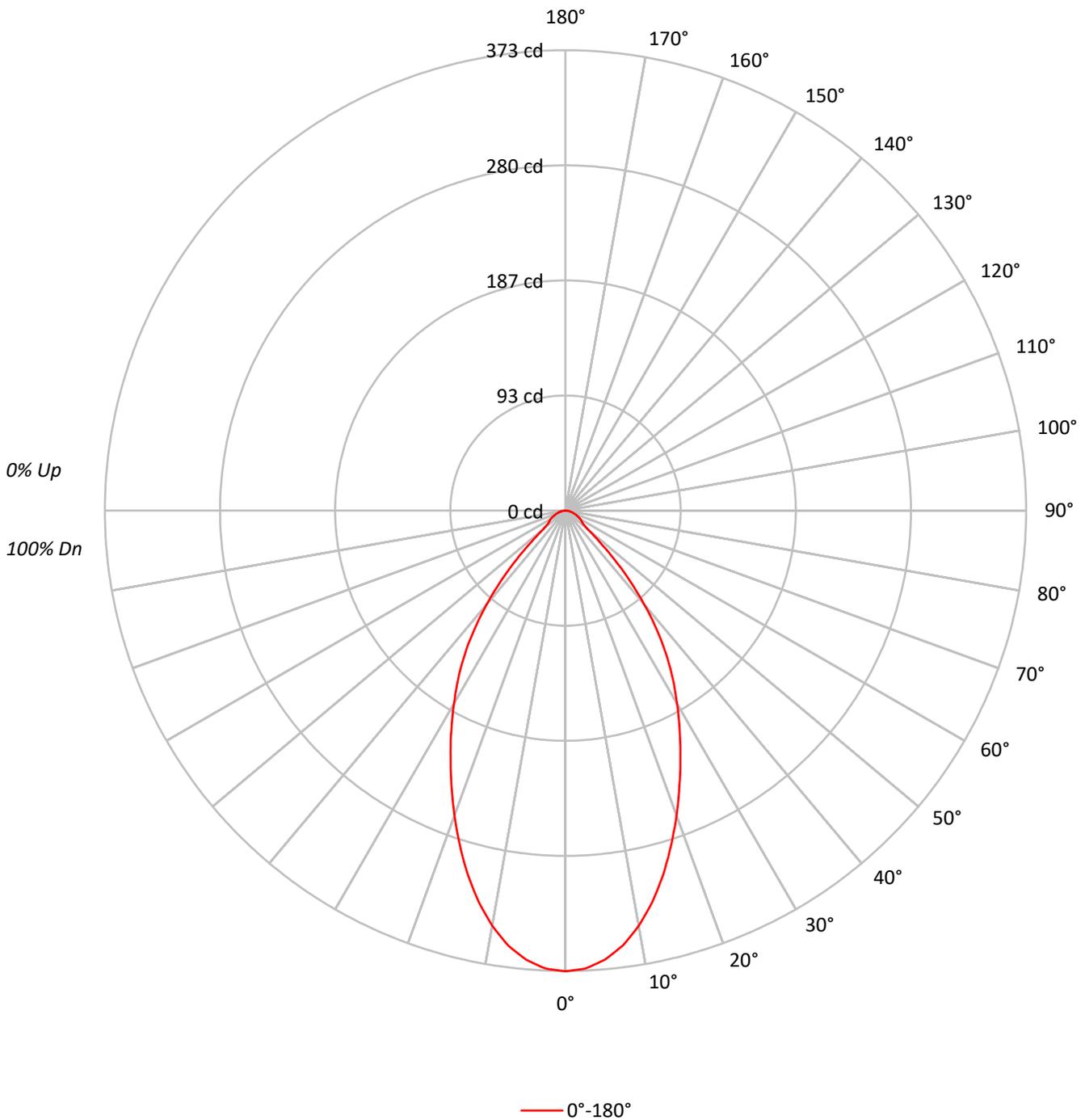
Test Method: LM-79-2019  
Report Number: P1249344  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R459027DE010 E3DLD1GPH  
Description: 3in Adjustable LED luminaire with, R45 optic, 2700K CCT AND, 90CRI , E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 386.0 lumens  
Efficiency: N/A  
Efficacy: 26.4 lumens/watt  
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 14.6  
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	100				100
1	112	109	106	104	110	107	104	102	103	101	99	99	97	96	96	94	93	91				91
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	87	85	83				83
3	99	92	86	82	97	90	85	81	88	83	80	85	81	78	83	80	77	75				75
4	94	85	78	74	92	84	78	73	81	76	72	79	75	71	77	74	71	69				69
5	88	79	72	67	86	78	71	67	76	70	66	74	69	65	72	68	65	63				63
6	83	73	66	61	81	72	66	61	71	65	61	69	64	60	68	63	60	58				58
7	78	68	61	57	77	67	61	56	66	60	56	65	60	56	64	59	55	54				54
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	50				50
9	70	60	53	49	69	59	53	49	58	52	48	57	52	48	56	52	48	47				47
10	67	56	50	45	66	56	49	45	55	49	45	54	49	45	53	48	45	44				44

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

	0°
0°	81836
5°	80387
10°	76062
15°	69376
20°	61349
25°	53277
30°	45729
35°	38093
40°	28396
45°	17397
50°	8051
55°	6308
60°	6052
65°	5552
70°	5129
75°	4914
80°	4546
85°	3271

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 17397 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	34.1	8.8
10°-20°	85.1	22.0
20°-30°	101.1	26.2
30°-40°	87.8	22.8
40°-50°	44.1	11.4
50°-60°	15.3	4.0
60°-70°	10.7	2.8
70°-80°	6.0	1.6
80°-90°	1.8	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°	220.3	57.1
0°-40°	308.1	79.8
0°-60°	367.5	95.2
0°-90°	386.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	386.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	373	
5°	365	34
15°	306	85
25°	220	101
35°	142	88
45°	56	44
55°	16	15
65°	11	11
75°	6	6
85°	1	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	373.2
2.5°	371.4
5°	365.2
7.5°	355.4
10°	341.6
12.5°	324.7
15°	305.6
17.5°	284.3
20°	262.9
22.5°	241.1
25°	220.2
27.5°	200.2
30°	180.6
32.5°	161.9
35°	142.3
37.5°	121.4
40°	99.2
42.5°	77.4
45°	56.1
47.5°	36.9
50°	23.6
52.5°	18.2
55°	16.5
57.5°	15.1
60°	13.8
62.5°	12.5
65°	10.7
67.5°	9.3
70°	8.0
72.5°	6.7
75°	5.8
77.5°	4.4
80°	3.6
82.5°	2.7
85°	1.3
87.5°	0.9
90°	0.0

(END OF REPORT)