

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: P1260178

Luminaire Tested: P3AS13R659050DE010 E3DLD1GPH

Issue Date: 1/30/2026

**Test Information**

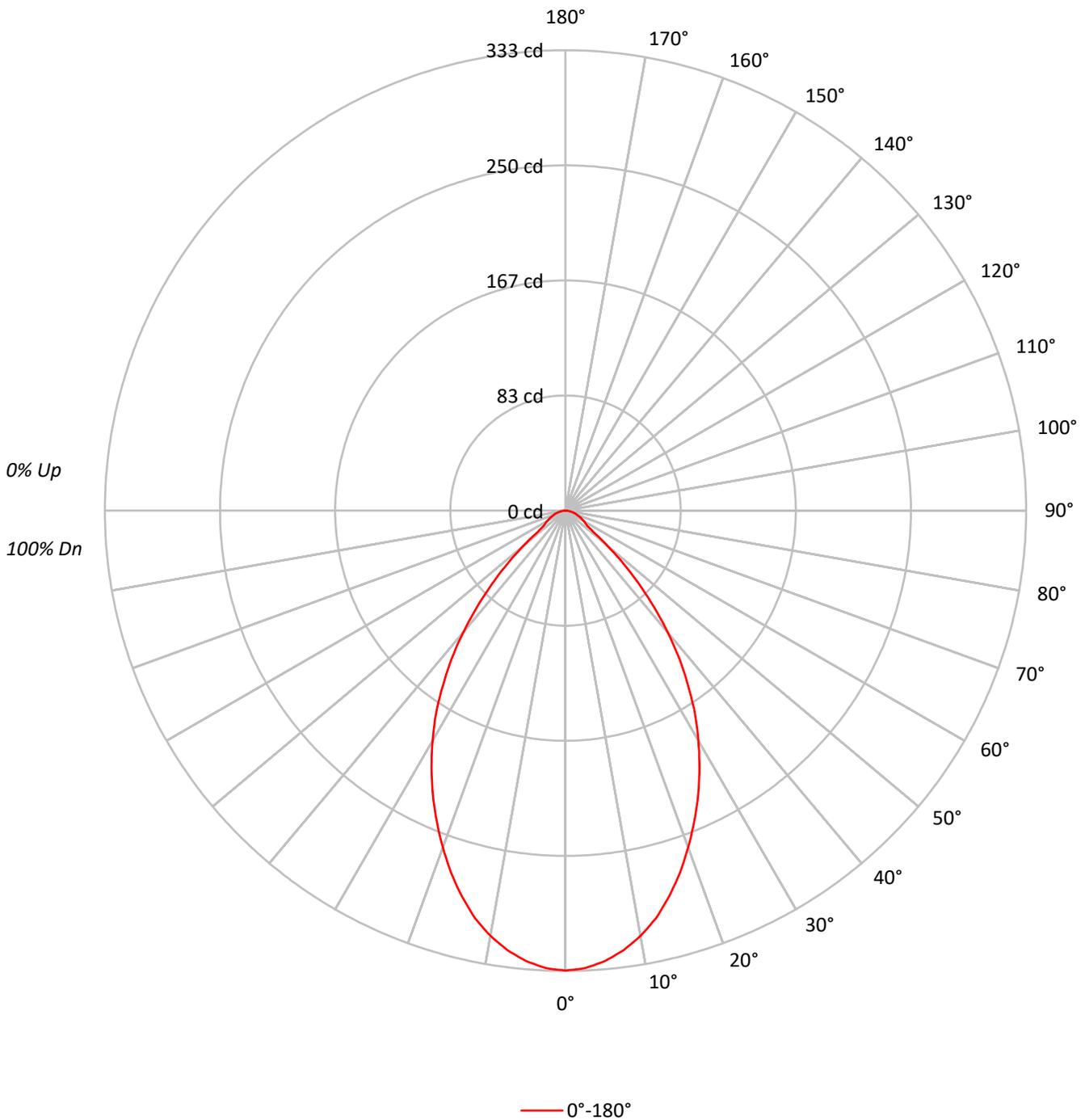
Test Method: LM-79-2019  
Report Number: P1260178  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R659050DE010 E3DLD1GPH  
Description: 3in Adjustable LED luminaire with, R65 optic, 5000K CCT AND, 90CRI , E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 410.0 lumens  
Efficiency: N/A  
Efficacy: 28.1 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): 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				
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	103	110	107	104	101	102	100	98	99	97	95	95	94	93	91			91
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	86	84	82			82
3	99	91	85	80	96	89	84	79	87	82	78	84	80	77	82	78	76	74			74
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67			67
5	87	77	70	65	85	76	69	65	74	68	64	72	67	63	71	66	63	61			61
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	58	56			56
7	77	66	59	54	75	65	59	54	64	58	54	63	57	53	61	57	53	51			51
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47			47
9	68	57	51	46	67	57	50	46	56	50	46	55	49	46	54	49	45	44			44
10	65	54	47	43	64	53	47	43	52	47	43	52	46	42	51	46	42	41			41

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

	0°
0°	72955
5°	71979
10°	69560
15°	65608
20°	60509
25°	54923
30°	48640
35°	41385
40°	32947
45°	23258
50°	13509
55°	7378
60°	6842
65°	6226
70°	5706
75°	5253
80°	4546
85°	4026

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 23258 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	30.8	7.5
10°-20°	80.8	19.7
20°-30°	103.9	25.3
30°-40°	96.1	23.4
40°-50°	58.0	14.2
50°-60°	19.8	4.8
60°-70°	11.9	2.9
70°-80°	6.7	1.6
80°-90°	1.9	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°	215.5	52.6
0°-40°	311.6	76.0
0°-60°	389.5	95.0
0°-90°	410.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	410.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	333	
5°	327	31
15°	289	81
25°	227	104
35°	155	96
45°	75	58
55°	19	20
65°	12	12
75°	6	7
85°	2	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	332.7
2.5°	331.2
5°	327.0
7.5°	320.8
10°	312.4
12.5°	302.0
15°	289.0
17.5°	274.9
20°	259.3
22.5°	243.2
25°	227.0
27.5°	209.8
30°	192.1
32.5°	174.4
35°	154.6
37.5°	135.4
40°	115.1
42.5°	94.8
45°	75.0
47.5°	56.8
50°	39.6
52.5°	25.0
55°	19.3
57.5°	17.2
60°	15.6
62.5°	13.5
65°	12.0
67.5°	10.4
70°	8.9
72.5°	7.8
75°	6.2
77.5°	5.2
80°	3.6
82.5°	2.6
85°	1.6
87.5°	1.0
90°	0.0

(END OF REPORT)