

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: P1257408

Luminaire Tested: P3AS13R359040DE010 E3DLD1GPH

Issue Date: 1/30/2026

**Test Information**

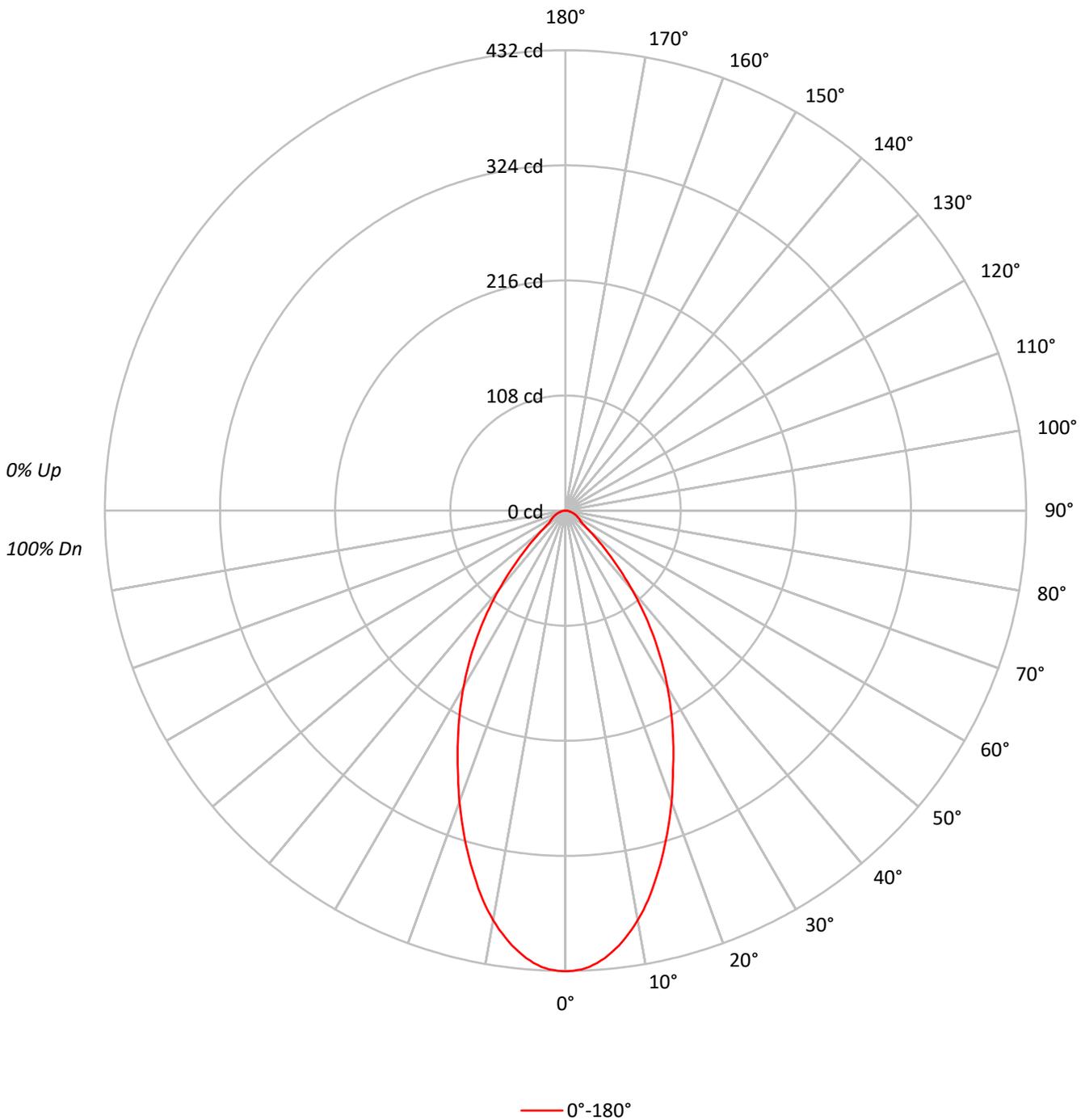
Test Method: LM-79-2019  
Report Number: P1257408  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R359040DE010 E3DLD1GPH  
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 90CRI , E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 415.0 lumens  
Efficiency: N/A  
Efficacy: 28.4 lumens/watt  
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87  
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	98	96	96	94	93	91				91
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83				83
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76				76
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69				69
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64				64
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59				59
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55				55
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51				51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48				48
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45				45

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

	0°
0°	94795
5°	92780
10°	86906
15°	78003
20°	67859
25°	57826
30°	48438
35°	38574
40°	27881
45°	17645
50°	9620
55°	6652
60°	6315
65°	5863
70°	5578
75°	4745
80°	4546
85°	3774

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 17645 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	39.2	9.5
10°-20°	95.6	23.0
20°-30°	109.6	26.4
30°-40°	89.4	21.5
40°-50°	45.1	10.9
50°-60°	16.7	4.0
60°-70°	11.2	2.7
70°-80°	6.2	1.5
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°	244.4	58.9
0°-40°	333.8	80.5
0°-60°	395.7	95.3
0°-90°	415.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	415.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	432	
5°	422	39
15°	344	96
25°	239	110
35°	144	89
45°	57	45
55°	17	17
65°	11	11
75°	6	6
85°	2	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	432.3
1°	431.8
2°	430.8
3°	428.7
4°	425.6
5°	421.5
6°	416.4
7°	411.3
8°	404.6
9°	398.0
10°	390.3
11°	382.1
12°	373.3
13°	363.6
14°	353.3
15°	343.6
17.5°	317.4
20°	290.8
22.5°	263.6
25°	239.0
27.5°	214.9
30°	191.3
32.5°	167.7
35°	144.1
37.5°	120.5
40°	97.4
42.5°	75.9
45°	56.9
47.5°	41.0
50°	28.2
52.5°	20.5
55°	17.4
57.5°	15.9
60°	14.4
62.5°	12.8
65°	11.3
67.5°	9.7
70°	8.7
72.5°	7.2
75°	5.6
77.5°	4.6
80°	3.6
82.5°	2.6
85°	1.5
87.5°	1.0



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)