

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: P1262238

Luminaire Tested: P3AS09R259727DE010 E3DL1GPH

Issue Date: 1/30/2026

**Test Information**

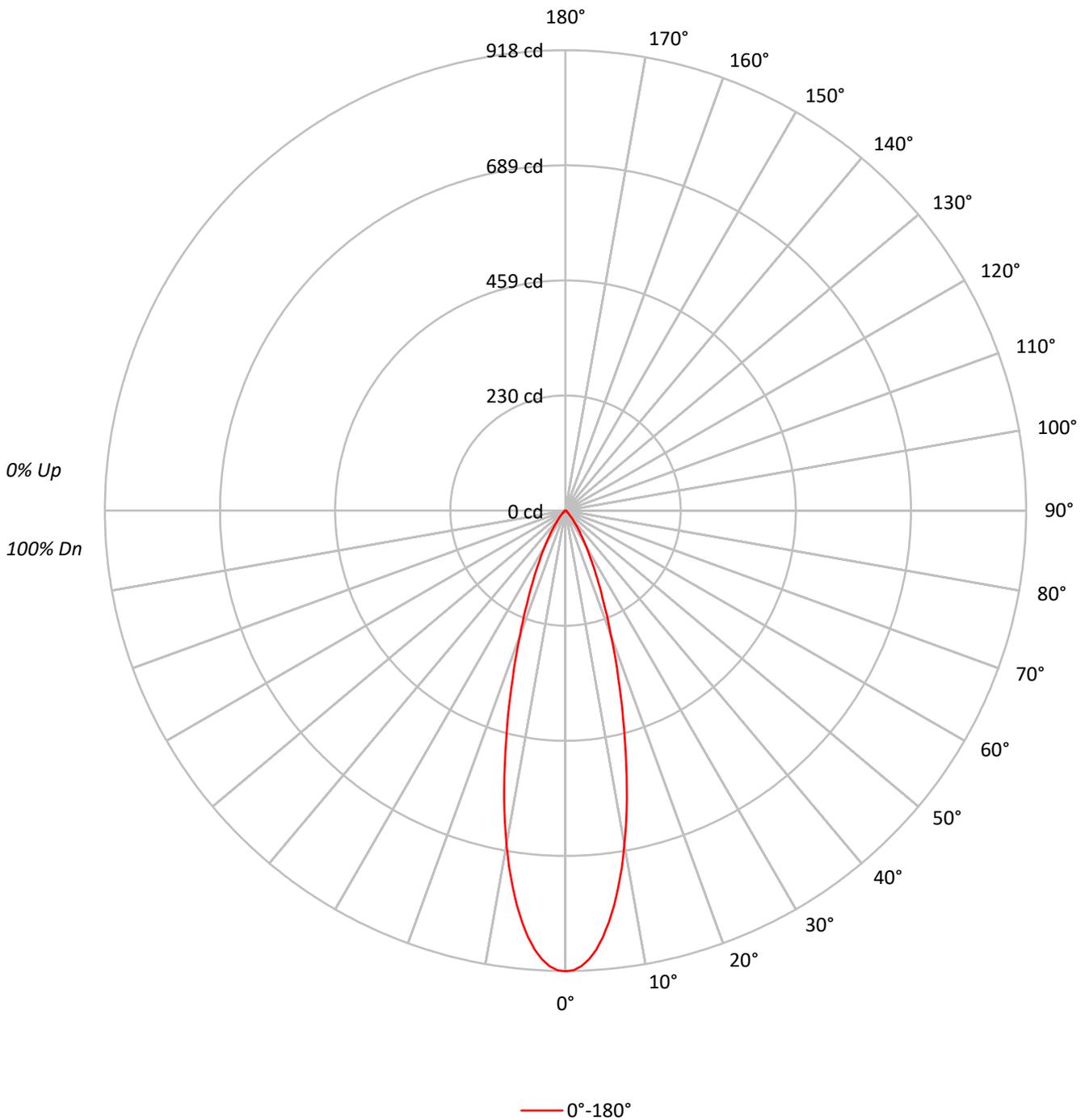
Test Method: LM-79-2019  
Report Number: P1262238  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R259727DE010 E3DL1GPH  
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 97CRI , E3DL1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 314.0 lumens  
Efficiency: N/A  
Efficacy: 28.3 lumens/watt  
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 11.1  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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	102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	97	97	97	95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	92	92	92	90
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	87	87	87	86
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	83	83	83	82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	79	79	79	78
6	94	86	81	78	92	86	81	78	84	80	77	83	79	77	82	78	76	76	76	76	75
7	90	83	78	74	89	82	77	74	81	77	74	80	76	73	79	75	73	73	73	73	72
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70	70	70	70	69
9	84	76	71	68	83	76	71	68	75	71	68	74	70	68	73	70	67	67	67	67	66
10	81	73	69	65	80	73	68	65	72	68	65	72	68	65	71	67	65	65	65	65	64

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

	0°
0°	201409
5°	187915
10°	150543
15°	102180
20°	61839
25°	36147
30°	20585
35°	11323
40°	6011
45°	3163
50°	1842
55°	1376
60°	1184
65°	1245
70°	1154
75°	1017
80°	758
85°	755

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 3163 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	75.8	24.1
10°-20°	123.8	39.4
20°-30°	70.7	22.5
30°-40°	27.9	8.9
40°-50°	8.6	2.7
50°-60°	3.4	1.1
60°-70°	2.3	0.7
70°-80°	1.3	0.4
80°-90°	0.4	0.1
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°	270.2	86.1
0°-40°	298.1	94.9
0°-60°	310.0	98.7
0°-90°	314.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	314.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	918	
5°	854	76
15°	450	124
25°	149	71
35°	42	28
45°	10	9
55°	4	3
65°	2	2
75°	1	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	918.5
1°	916.7
2°	909.2
3°	896.0
4°	877.7
5°	853.7
6°	825.5
7°	793.7
8°	756.8
9°	719.0
10°	676.1
11°	633.8
12°	587.3
13°	541.3
14°	494.2
15°	450.1
17.5°	349.0
20°	265.0
22.5°	199.0
25°	149.4
27.5°	110.7
30°	81.3
32.5°	58.8
35°	42.3
37.5°	30.0
40°	21.0
42.5°	14.4
45°	10.2
47.5°	7.2
50°	5.4
52.5°	4.2
55°	3.6
57.5°	3.3
60°	2.7
62.5°	2.4
65°	2.4
67.5°	2.1
70°	1.8
72.5°	1.5
75°	1.2
77.5°	0.9
80°	0.6
82.5°	0.6
85°	0.3
87.5°	0.3



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)