

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: P1271513

Luminaire Tested: P3AS09R159827DE010 E3DL1GPH

Issue Date: 1/30/2026

**Test Information**

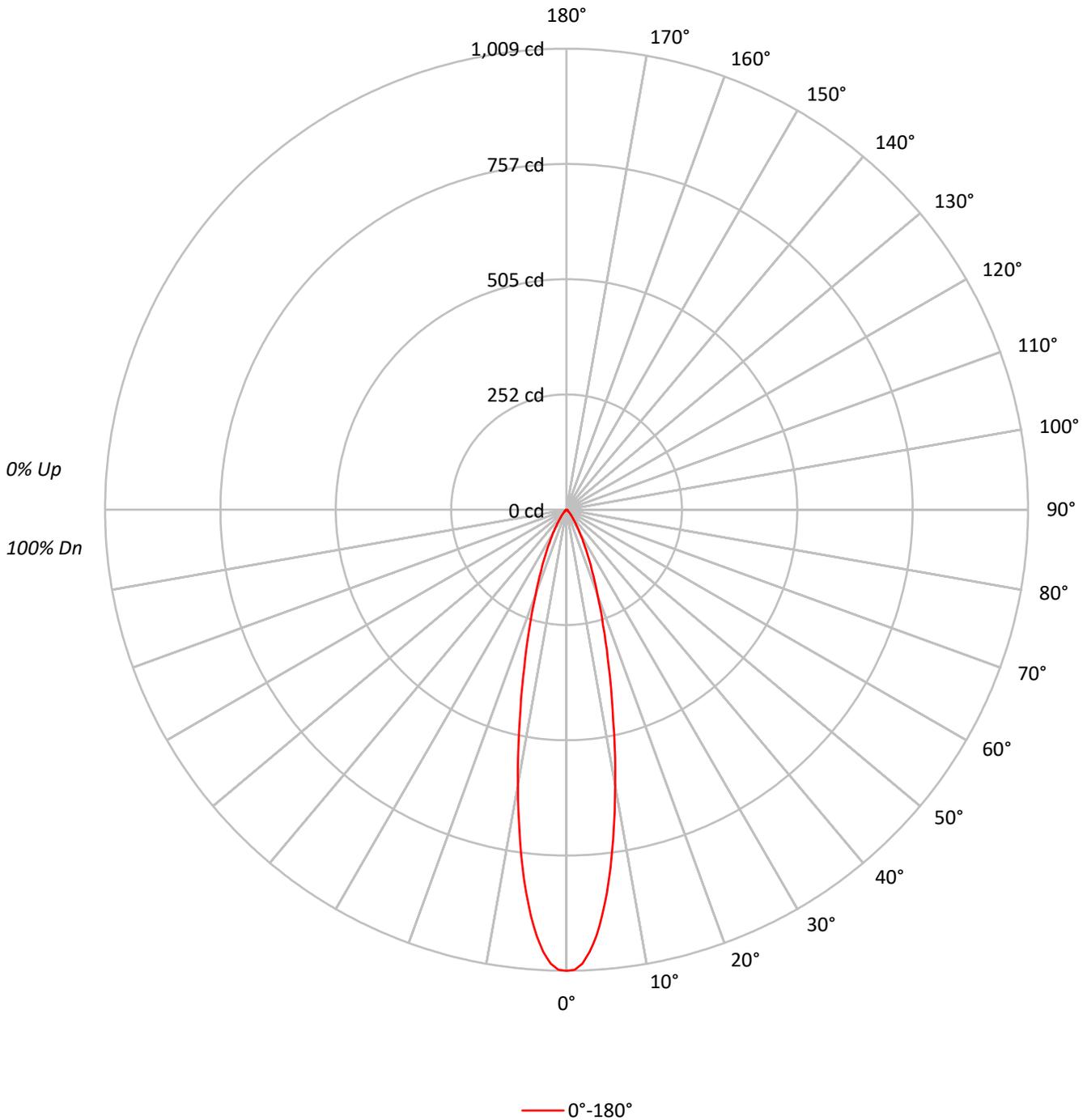
Test Method: LM-79-2019  
Report Number: P1271513  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R159827DE010 E3DL1GPH  
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 98CRI , E3DL1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 258.9 lumens  
Efficiency: N/A  
Efficacy: 23.5 lumens/watt  
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 11  
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	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	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	93	93	93	91
3	106	101	97	93	104	99	96	93	97	94	91	95	92	90	92	90	88	88	88	88	87
4	102	96	92	88	100	95	91	88	93	89	87	91	88	86	89	87	85	85	85	85	83
5	98	92	87	84	97	91	87	83	89	86	83	88	84	82	86	83	81	81	81	81	80
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	78	78	78	77
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	75	75	75	74
8	89	81	77	74	88	81	77	73	80	76	73	79	76	73	78	75	73	73	73	73	72
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	70	70	70	69
10	84	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68	68	68	68	67

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

	0°
0°	221254
5°	196390
10°	136381
15°	80659
20°	45947
25°	26252
30°	14534
35°	7736
40°	4294
45°	2326
50°	1433
55°	1147
60°	965
65°	882
70°	769
75°	847
80°	631
85°	503

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 2326 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	75.9	29.3
10°-20°	100.1	38.7
20°-30°	51.6	19.9
30°-40°	19.4	7.5
40°-50°	6.3	2.4
50°-60°	2.7	1.1
60°-70°	1.7	0.7
70°-80°	1.0	0.4
80°-90°	0.3	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°	227.6	87.9
0°-40°	246.9	95.4
0°-60°	256.0	98.9
0°-90°	258.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	258.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1009	
5°	892	76
15°	355	100
25°	108	52
35°	29	19
45°	8	6
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1009.0
1°	1007.0
2°	993.8
3°	968.6
4°	935.4
5°	892.2
6°	843.3
7°	789.7
8°	730.1
9°	671.2
10°	612.5
12.5°	471.3
15°	355.3
17.5°	266.0
20°	196.9
22.5°	147.0
25°	108.5
27.5°	79.1
30°	57.4
32.5°	40.7
35°	28.9
37.5°	20.7
40°	15.0
42.5°	10.7
45°	7.5
47.5°	5.5
50°	4.2
52.5°	3.5
55°	3.0
57.5°	2.5
60°	2.2
62.5°	2.0
65°	1.7
67.5°	1.5
70°	1.2
72.5°	1.2
75°	1.0
77.5°	0.7
80°	0.5
82.5°	0.5
85°	0.2
87.5°	0.0
90°	0.0

(END OF REPORT)