

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: P1248299

Luminaire Tested: P3AS02R709027DE010 E3DLP1GPH

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1248299  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R709027DE010 E3DLP1GPH  
Description: 3in Adjustable LED luminaire with, R70 optic, 2700K CCT AND, 90CRI , E3DLP1GPH TRIM  
Light Source: -  
Ballast/Driver: -

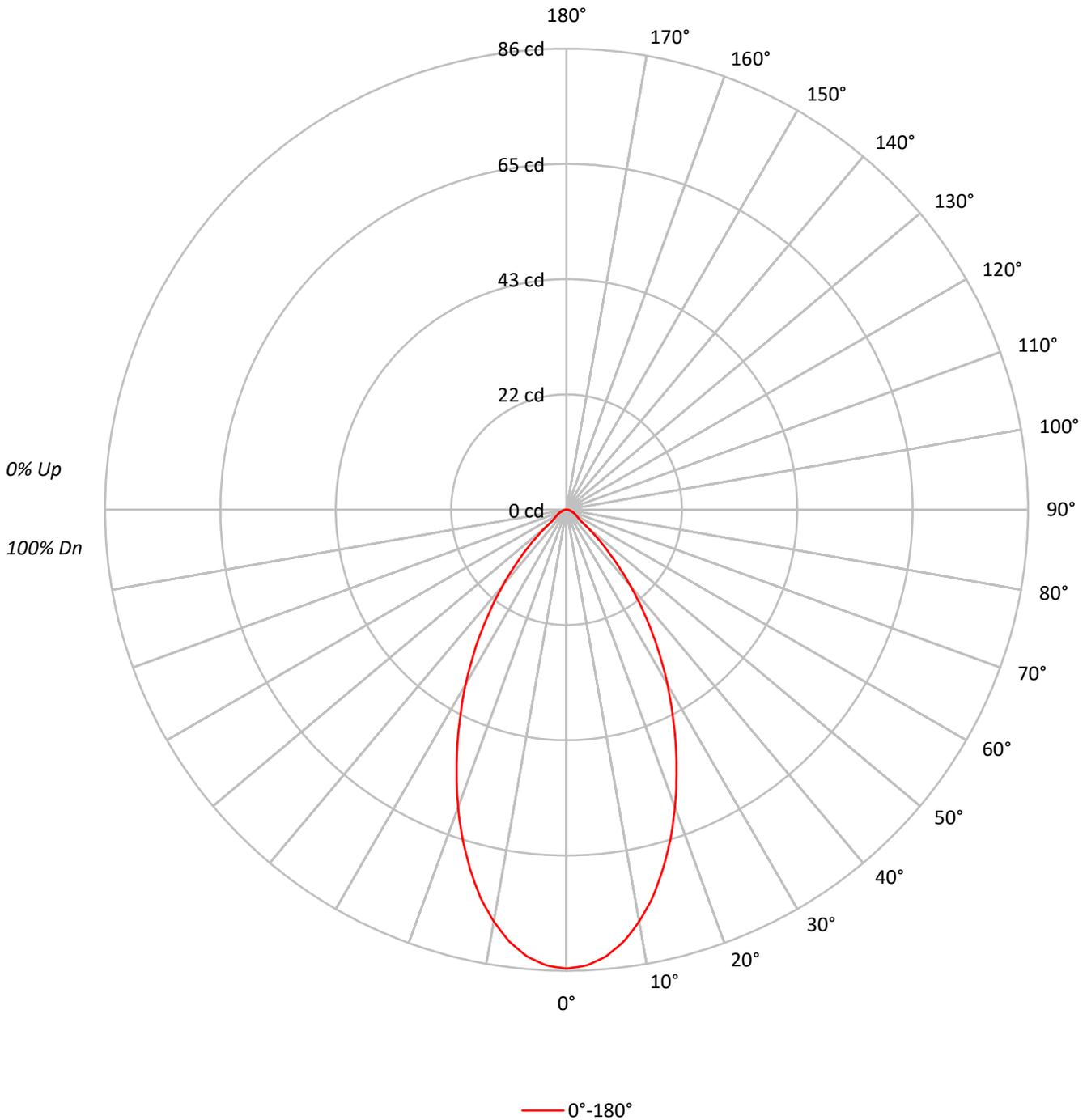
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 80.0 lumens  
Efficiency: N/A  
Efficacy: 22.2 lumens/watt  
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 3.6  
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				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	113	110	107	104	110	107	105	103	103	101	100	100	98	97	96	95	94	92				92
2	106	101	97	93	104	99	95	92	96	93	90	93	90	88	90	88	86	84				84
3	100	93	88	83	98	92	87	83	89	85	81	87	83	80	84	81	79	77				77
4	95	86	80	76	93	85	80	75	83	78	74	81	77	73	79	76	73	71				71
5	89	80	74	69	88	79	73	69	78	72	68	76	71	68	74	70	67	65				65
6	85	75	68	64	83	74	68	64	73	67	63	71	66	63	70	65	62	61				61
7	80	70	64	59	79	69	63	59	68	62	58	67	62	58	66	61	58	56				56
8	76	66	59	55	75	65	59	55	64	58	54	63	58	54	62	57	54	52				52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49				49
10	69	58	52	48	67	58	52	48	57	51	48	56	51	48	55	51	47	46				46

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

	0°
0°	18770
5°	18424
10°	17368
15°	15755
20°	13791
25°	11638
30°	9520
35°	7388
40°	5296
45°	3349
50°	1672
55°	1032
60°	877
65°	830
70°	705
75°	678
80°	505
85°	503

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 3349 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	7.8	9.8
10°-20°	19.3	24.1
20°-30°	22.0	27.5
30°-40°	17.2	21.5
40°-50°	8.5	10.6
50°-60°	2.6	3.2
60°-70°	1.5	1.9
70°-80°	0.8	1.0
80°-90°	0.2	0.3
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°	49.1	61.4
0°-40°	66.3	82.9
0°-60°	77.4	96.8
0°-90°	80.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	80.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	86	
5°	84	8
15°	69	19
25°	48	22
35°	28	17
45°	11	8
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	85.6
2.5°	85.1
5°	83.7
7.5°	81.3
10°	78.0
12.5°	74.1
15°	69.4
17.5°	64.4
20°	59.1
22.5°	53.5
25°	48.1
27.5°	42.7
30°	37.6
32.5°	32.5
35°	27.6
37.5°	22.9
40°	18.5
42.5°	14.4
45°	10.8
47.5°	7.6
50°	4.9
52.5°	3.2
55°	2.7
57.5°	2.3
60°	2.0
62.5°	1.8
65°	1.6
67.5°	1.3
70°	1.1
72.5°	0.9
75°	0.8
77.5°	0.7
80°	0.4
82.5°	0.3
85°	0.2
87.5°	0.1
90°	0.0

(END OF REPORT)