

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: P1261952

Luminaire Tested: P3AS05R409727DE010 E3DL1GPH

Issue Date: 1/30/2026

**Test Information**

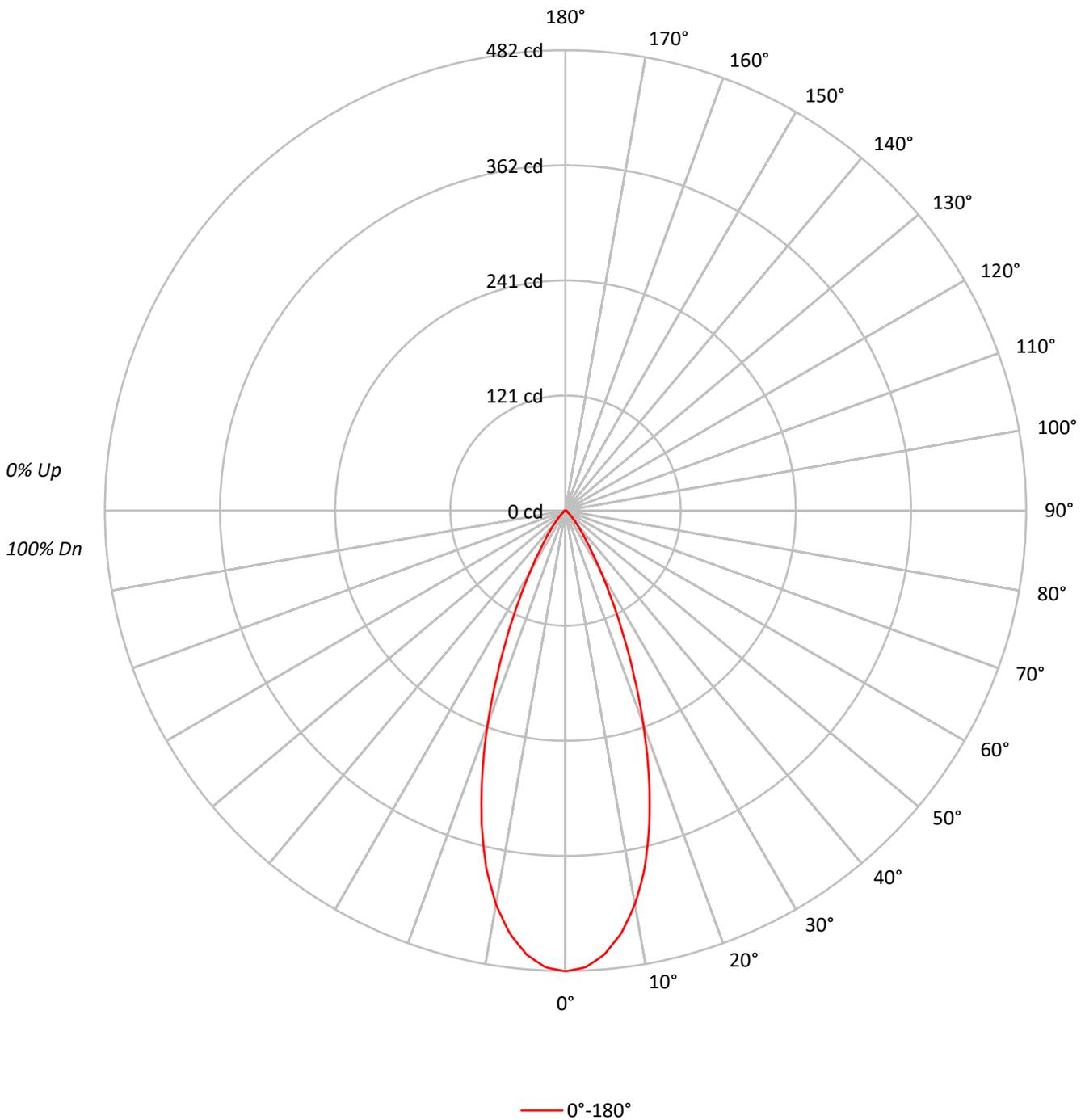
Test Method: LM-79-2019  
Report Number: P1261952  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R409727DE010 E3DL1GPH  
Description: 3in Adjustable LED luminaire with, R40 optic, 2700K CCT AND, 97CRI , E3DL1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 239.0 lumens  
Efficiency: N/A  
Efficacy: 33.2 lumens/watt  
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 7.2  
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	100	100
1	114	111	109	107	112	109	107	105	105	104	102	102	100	99	98	97	96	94	94	94	94
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	89	89	89	89
3	104	99	94	91	102	97	93	90	95	91	88	92	89	87	90	88	86	84	84	84	84
4	100	93	88	85	98	92	88	84	90	86	83	88	85	82	86	84	81	80	80	80	80
5	96	88	83	79	94	88	83	79	86	82	78	84	81	78	83	80	77	76	76	76	76
6	92	84	79	75	91	83	78	75	82	78	74	81	77	74	79	76	73	72	72	72	72
7	88	80	75	71	87	79	74	71	78	74	71	77	73	70	76	73	70	69	69	69	69
8	85	76	71	68	84	76	71	67	75	70	67	74	70	67	73	69	67	65	65	65	65
9	82	73	68	64	81	73	68	64	72	67	64	71	67	64	70	66	64	63	63	63	63
10	78	70	65	62	78	70	65	61	69	64	61	68	64	61	67	64	61	60	60	60	60

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

	0°
0°	105759
5°	102685
10°	93185
15°	76981
20°	55538
25°	34357
30°	18585
35°	9610
40°	5238
45°	2915
50°	1467
55°	1109
60°	1009
65°	934
70°	898
75°	847
80°	758
85°	503

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 2915 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	43.0	18.0
10°-20°	92.3	38.6
20°-30°	65.9	27.6
30°-40°	24.3	10.1
40°-50°	7.6	3.2
50°-60°	2.7	1.1
60°-70°	1.8	0.8
70°-80°	1.1	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°	201.2	84.2
0°-40°	225.5	94.4
0°-60°	235.8	98.7
0°-90°	239.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	239.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	482	
5°	466	43
15°	339	92
25°	142	66
35°	36	24
45°	9	8
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	482.3
2.5°	478.6
5°	466.5
7.5°	446.4
10°	418.5
12.5°	383.0
15°	339.1
17.5°	289.9
20°	238.0
22.5°	186.9
25°	142.0
27.5°	104.2
30°	73.4
32.5°	51.5
35°	35.9
37.5°	25.4
40°	18.3
42.5°	13.1
45°	9.4
47.5°	6.4
50°	4.3
52.5°	3.1
55°	2.9
57.5°	2.7
60°	2.3
62.5°	2.1
65°	1.8
67.5°	1.6
70°	1.4
72.5°	1.2
75°	1.0
77.5°	0.8
80°	0.6
82.5°	0.4
85°	0.2
87.5°	0.2
90°	0.0

(END OF REPORT)