

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: P1271318

Luminaire Tested: P3AS05R409827DE010 E3DL1GPH

Issue Date: 1/30/2026

**Test Information**

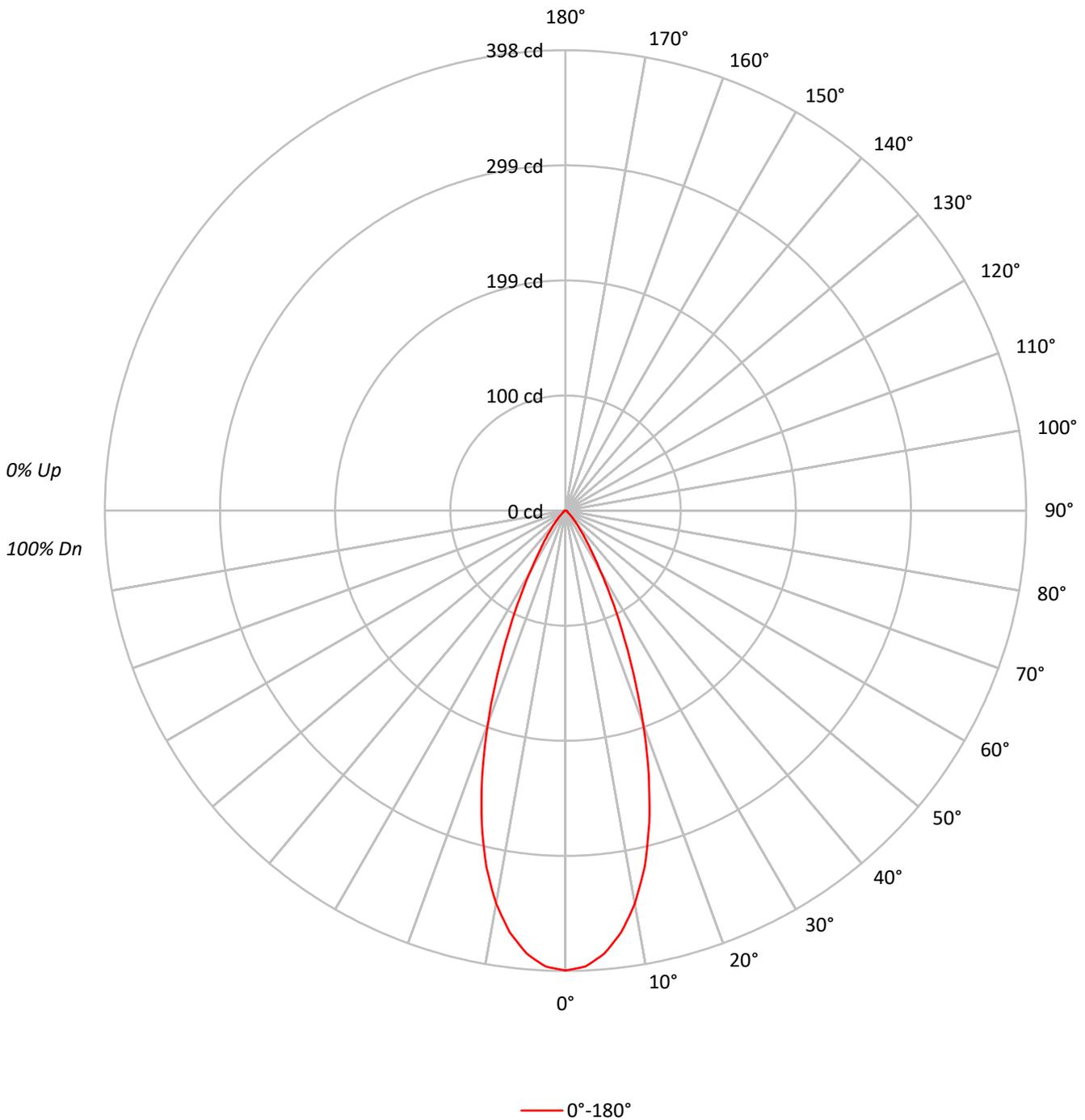
Test Method: LM-79-2019  
Report Number: P1271318  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R409827DE010 E3DL1GPH  
Description: 3in Adjustable LED luminaire with, R40 optic, 2700K CCT AND, 98CRI , E3DL1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 197.0 lumens  
Efficiency: N/A  
Efficacy: 27.4 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 (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	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°	87164
5°	84635
10°	76797
15°	63451
20°	45761
25°	28308
30°	15319
35°	7924
40°	4294
45°	2419
50°	1228
55°	918
60°	833
65°	778
70°	769
75°	678
80°	631
85°	503

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 2419 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	35.4	18.0
10°-20°	76.1	38.6
20°-30°	54.3	27.6
30°-40°	20.0	10.1
40°-50°	6.3	3.2
50°-60°	2.2	1.1
60°-70°	1.5	0.8
70°-80°	0.9	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°	165.9	84.2
0°-40°	185.8	94.3
0°-60°	194.3	98.6
0°-90°	197.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	197.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	398	
5°	384	35
15°	280	76
25°	117	54
35°	30	20
45°	8	6
55°	2	2
65°	2	2
75°	1	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	397.5
2.5°	394.5
5°	384.5
7.5°	367.9
10°	344.9
12.5°	315.7
15°	279.5
17.5°	238.9
20°	196.1
22.5°	154.0
25°	117.0
27.5°	85.9
30°	60.5
32.5°	42.4
35°	29.6
37.5°	21.0
40°	15.0
42.5°	10.8
45°	7.8
47.5°	5.2
50°	3.6
52.5°	2.5
55°	2.4
57.5°	2.2
60°	1.9
62.5°	1.7
65°	1.5
67.5°	1.4
70°	1.2
72.5°	1.0
75°	0.8
77.5°	0.7
80°	0.5
82.5°	0.3
85°	0.2
87.5°	0.2
90°	0.0

(END OF REPORT)