

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: P1254085

Luminaire Tested: P3AS05R659035DE010 E3DL1GPH

Issue Date: 1/30/2026

**Test Information**

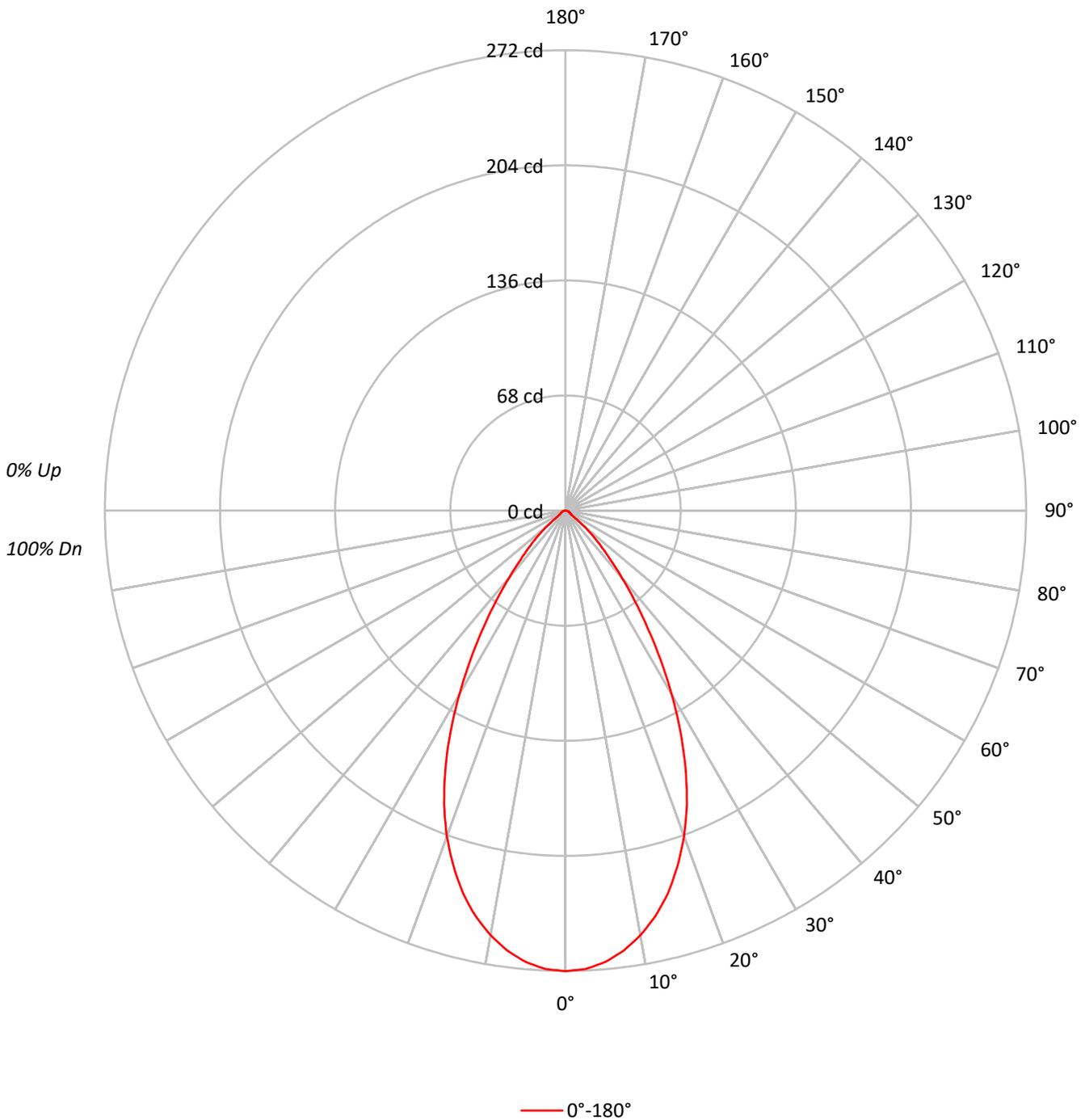
Test Method: LM-79-2019  
Report Number: P1254085  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R659035DE010 E3DL1GPH  
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 90CRI , E3DL1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 253.1 lumens  
Efficiency: N/A  
Efficacy: 35.1 lumens/watt  
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88  
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				
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	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93			93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85			85
3	101	95	89	85	99	93	88	84	90	86	83	88	85	82	86	83	80	79			79
4	96	88	82	78	94	87	81	77	85	80	76	83	79	75	81	77	74	73			73
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69	68			68
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	71	67	64	63			63
7	81	72	66	61	80	71	65	61	70	64	61	69	64	60	67	63	60	58			58
8	77	67	61	57	76	67	61	57	66	60	57	65	60	56	64	59	56	55			55
9	74	63	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53	51			51
10	70	60	54	50	69	59	54	50	59	53	50	58	53	50	57	53	49	48			48

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

	0°
0°	59666
5°	58948
10°	56712
15°	53122
20°	47791
25°	40575
30°	31726
35°	22620
40°	14799
45°	9148
50°	4640
55°	1644
60°	1447
65°	1453
70°	1282
75°	1271
80°	1263
85°	1258

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 9148 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	25.1	9.9
10°-20°	65.1	25.7
20°-30°	76.1	30.1
30°-40°	53.2	21.0
40°-50°	23.4	9.3
50°-60°	5.2	2.1
60°-70°	2.7	1.1
70°-80°	1.6	0.6
80°-90°	0.6	0.2
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°	166.4	65.7
0°-40°	219.6	86.8
0°-60°	248.2	98.1
0°-90°	253.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	253.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	272	
5°	268	25
15°	234	65
25°	168	76
35°	84	53
45°	30	23
55°	4	5
65°	3	3
75°	2	2
85°	0	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	272.1
2.5°	271.1
5°	267.8
7.5°	262.3
10°	254.7
12.5°	245.4
15°	234.0
17.5°	220.1
20°	204.8
22.5°	187.4
25°	167.7
27.5°	147.0
30°	125.3
32.5°	104.4
35°	84.5
37.5°	67.1
40°	51.7
42.5°	39.1
45°	29.5
47.5°	21.7
50°	13.6
52.5°	7.1
55°	4.3
57.5°	3.8
60°	3.3
62.5°	3.0
65°	2.8
67.5°	2.3
70°	2.0
72.5°	1.8
75°	1.5
77.5°	1.3
80°	1.0
82.5°	0.8
85°	0.5
87.5°	0.3
90°	0.0

(END OF REPORT)