

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: P1251089

Luminaire Tested: P3AS05R159030DE010 E3DL1LI

Issue Date: 1/30/2026

**Test Information**

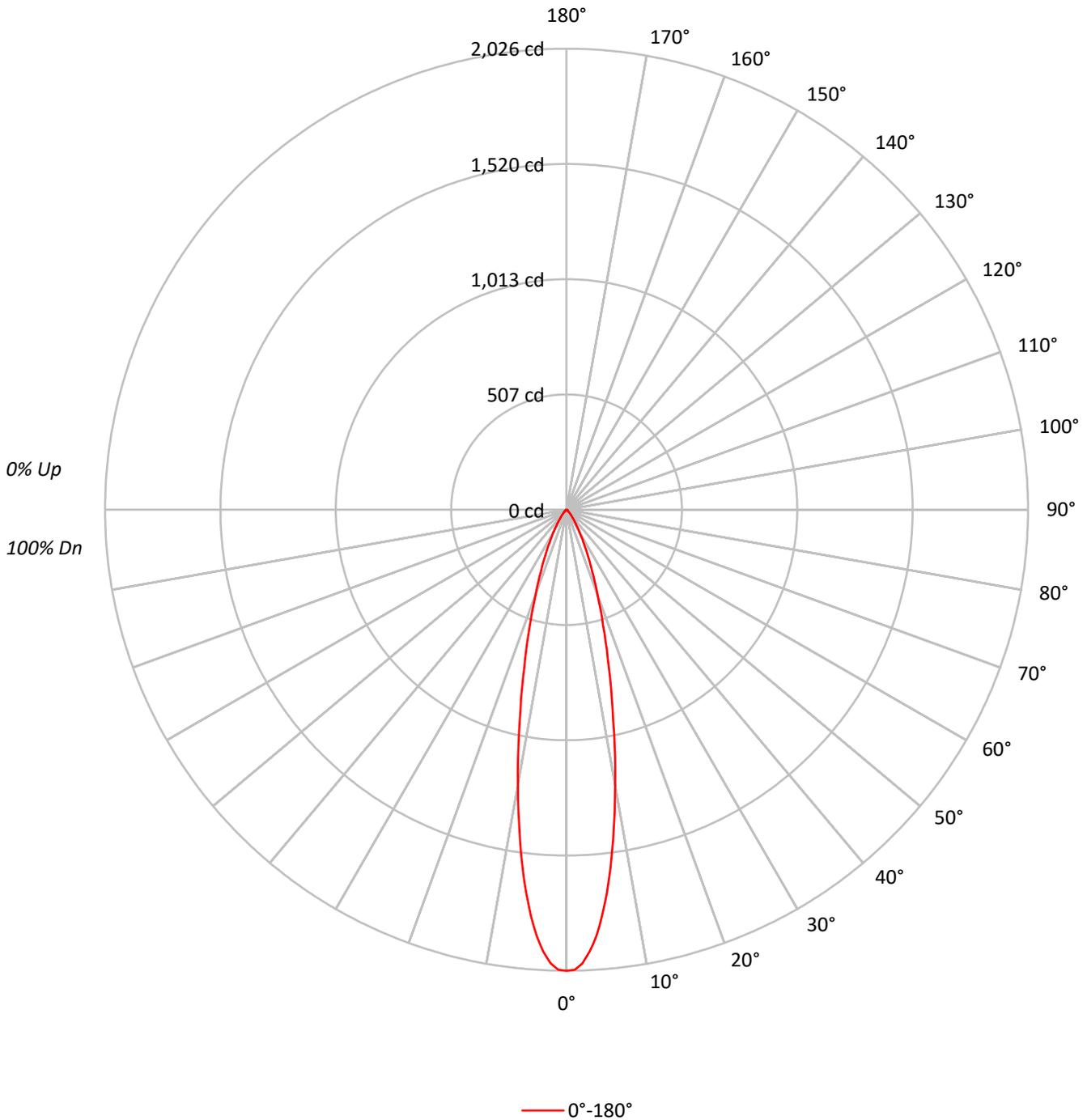
Test Method: LM-79-2019  
Report Number: P1251089  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R159030DE010 E3DL1LI  
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3DL1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 520.0 lumens  
Efficiency: N/A  
Efficacy: 72.2 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): 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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	99
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	95
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	91	91	91
3	106	101	97	93	104	99	96	93	97	94	91	94	92	90	92	90	88	87	87	87
4	102	96	92	88	100	95	91	88	93	89	87	91	88	86	89	87	85	83	83	83
5	98	92	87	84	97	91	87	83	89	85	83	88	84	82	86	83	81	80	80	80
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	77	77	77
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	74	74	74
8	89	81	77	74	88	81	77	73	80	76	73	79	75	73	78	75	73	72	72	72
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	69	69	69
10	84	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68	67	67	67

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

	0°
0°	444219
5°	394320
10°	273831
15°	161931
20°	92221
25°	52721
30°	29169
35°	15553
40°	8616
45°	4652
50°	2900
55°	2294
60°	1974
65°	1816
70°	1603
75°	1694
80°	1263
85°	1258

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 4652 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	152.3	29.3
10°-20°	201.0	38.7
20°-30°	103.5	19.9
30°-40°	38.9	7.5
40°-50°	12.7	2.4
50°-60°	5.5	1.1
60°-70°	3.5	0.7
70°-80°	2.0	0.4
80°-90°	0.5	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°	456.9	87.9
0°-40°	495.8	95.3
0°-60°	513.9	98.8
0°-90°	520.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	520.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2026	
5°	1791	152
15°	713	201
25°	218	104
35°	58	39
45°	15	13
55°	6	5
65°	4	3
75°	2	2
85°	0	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	2025.8
1°	2021.8
2°	1995.2
3°	1944.6
4°	1878.0
5°	1791.4
6°	1693.2
7°	1585.5
8°	1465.7
9°	1347.5
10°	1229.8
12.5°	946.3
15°	713.3
17.5°	534.0
20°	395.2
22.5°	295.1
25°	217.9
27.5°	158.8
30°	115.2
32.5°	81.7
35°	58.1
37.5°	41.6
40°	30.1
42.5°	21.5
45°	15.0
47.5°	11.0
50°	8.5
52.5°	7.0
55°	6.0
57.5°	5.0
60°	4.5
62.5°	4.0
65°	3.5
67.5°	3.0
70°	2.5
72.5°	2.5
75°	2.0
77.5°	1.5
80°	1.0
82.5°	1.0
85°	0.5
87.5°	0.0
90°	0.0

(END OF REPORT)