

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: P#

Luminaire Tested: P3ART05R70W2N902765DE010 E3LDWW1WMH\_5000K

Issue Date: 5/8/2026

**Test Information**

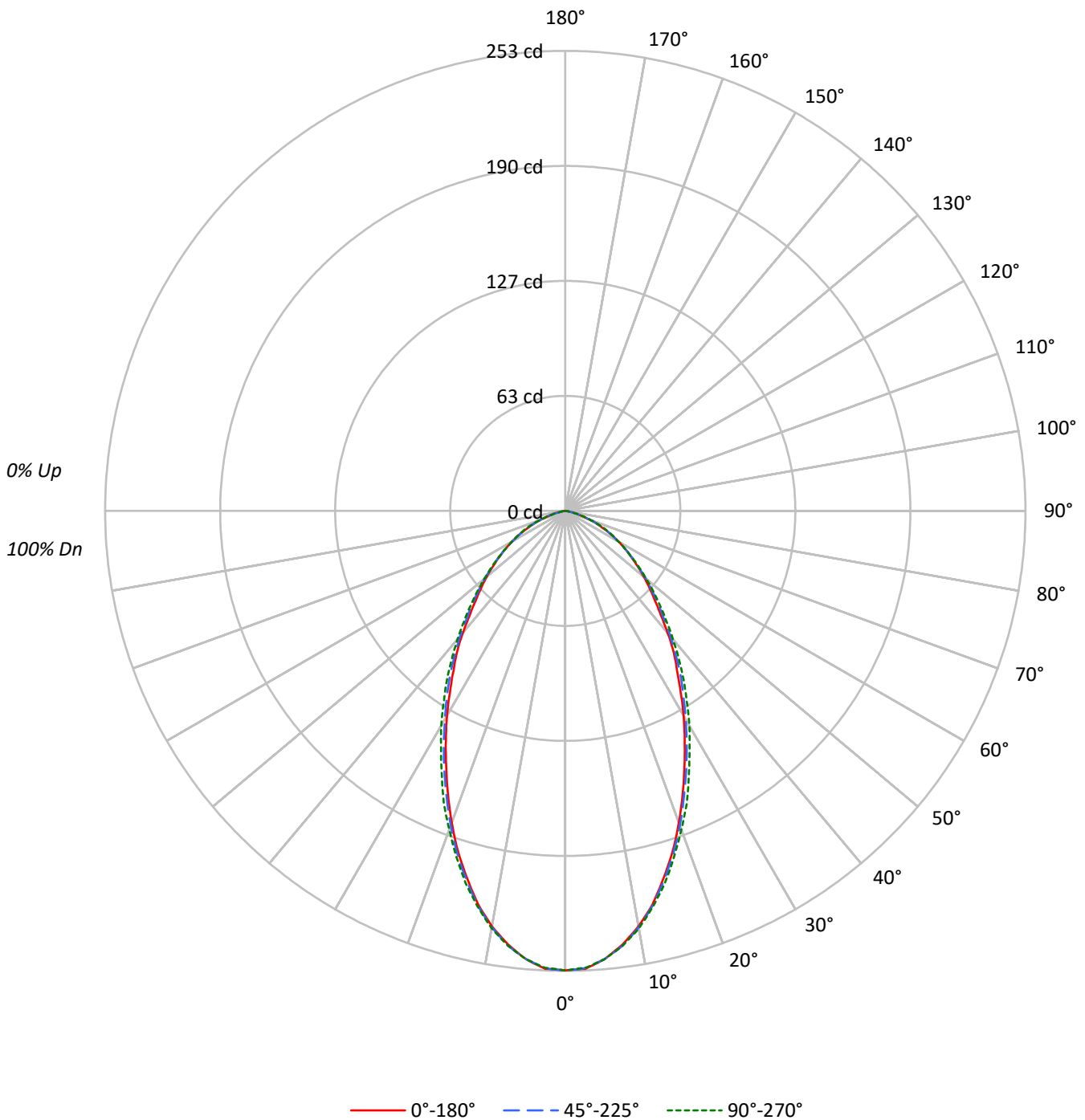
Test Method: LM-79-2019  
Report Number: P#  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-13)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/8/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3ART05R70W2N902765DE010 E3LDWW1WMH\_5000K  
Description: 3in Adjustable Tunable White LED luminaire with, R70 optic, 5000K CCT AND, 90CRI ,  
E3LDWW1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 352.0 lumens  
Efficiency: N/A  
Efficacy: 59.7 lumens/watt  
Spacing Criteria (0/90/45): 0.87 / 0.89 / 0.97  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 5.9  
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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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	23.2	6.6
10°-20°	58.7	16.7
20°-30°	72.4	20.6
30°-40°	69.0	19.6
40°-50°	55.8	15.9
50°-60°	40.2	11.4
60°-70°	24.1	6.8
70°-80°	8.1	2.3
80°-90°	0.7	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°	154.2	43.8
0°-40°	223.2	63.4
0°-60°	319.2	90.7
0°-90°	352.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	352.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	253	253	253	253	253	
5°	248	248	248	248	248	23
15°	209	209	210	211	212	58
25°	155	156	157	160	161	71
35°	107	108	110	113	113	67
45°	70	71	72	73	74	54
55°	44	44	45	45	45	40
65°	24	24	24	25	25	24
75°	8	8	7	7	7	8
85°	1	1	0	0	0	1
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	252.7	252.7	252.7	252.7	252.7	252.7	252.7	252.7	252.7	252.7	252.7
2°	252.1	252.1	252.1	252.1	252.1	252.1	252.1	252.1	252.1	252.1	251.6
2.5°	252.1	251.6	251.6	251.6	251.6	251.6	251.6	251.6	251.6	252.1	251.6
5°	247.5	247.5	247.5	247.5	247.5	247.5	247.5	247.5	248.1	247.5	247.5
7.5°	240.6	240.6	240.6	240.6	241.2	241.2	241.2	241.2	241.8	241.8	241.2
10°	232.0	232.0	232.0	232.0	232.6	232.6	233.1	232.6	232.6	233.1	233.1
12.5°	221.6	221.1	221.1	221.1	221.6	222.2	222.2	222.2	222.8	222.8	222.8
15°	209.0	209.0	209.0	209.5	209.5	210.1	210.7	210.7	211.3	211.3	211.8
17.5°	196.3	196.3	195.7	196.3	196.9	197.5	198.0	198.6	199.2	199.2	199.2
20°	182.5	181.9	182.5	183.1	183.6	184.2	184.8	185.9	186.5	186.5	186.5
22.5°	168.7	168.1	168.7	169.2	169.8	170.4	172.1	172.7	173.3	173.3	174.4
25°	154.9	154.9	155.4	156.0	156.6	157.2	158.3	159.5	160.0	160.6	160.6
27.5°	142.2	142.2	142.2	142.2	143.3	144.5	145.6	146.8	147.4	147.9	147.9
30°	130.1	129.5	129.5	130.1	131.3	132.4	133.6	134.7	135.3	135.9	136.4
32.5°	118.0	118.0	118.0	118.6	119.2	120.9	122.0	122.6	123.8	124.3	124.3
35°	107.1	107.1	107.1	108.2	109.4	110.5	111.1	112.3	113.4	113.4	113.4
37.5°	97.9	98.4	99.6	99.0	99.0	99.6	100.2	101.3	102.5	102.5	102.5
40°	87.5	88.1	88.7	88.1	88.7	89.8	90.4	91.0	91.5	92.1	92.1
42.5°	77.7	77.7	77.7	78.3	79.4	80.0	81.2	81.7	82.3	82.3	82.3
45°	69.7	69.7	70.2	70.8	71.4	72.0	72.5	73.1	73.7	73.7	73.7
47.5°	62.7	62.7	63.3	63.3	63.9	64.5	65.1	65.1	65.6	66.2	65.6
50°	56.4	56.4	56.4	57.0	57.0	57.6	57.6	58.1	58.1	58.1	58.1
52.5°	50.1	50.1	50.1	50.1	50.7	50.7	50.7	51.2	51.2	51.2	51.2
55°	44.3	44.3	44.3	44.3	44.3	44.9	44.9	44.9	44.9	44.9	44.9
57.5°	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
60°	34.0	34.0	34.0	34.0	34.0	33.4	34.0	34.0	34.0	34.0	34.0
62.5°	28.8	28.8	28.8	28.8	28.8	28.8	28.8	29.4	29.4	29.4	29.4
65°	23.6	24.2	24.2	24.2	24.2	24.2	24.2	24.8	24.8	24.8	24.8
67.5°	19.0	19.6	19.6	19.6	19.6	19.6	19.6	19.6	20.1	20.1	20.1
70°	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.5
72.5°	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.9	10.9	10.9
75°	7.5	7.5	7.5	7.5	6.9	6.9	6.9	6.9	6.9	6.9	6.9
77.5°	5.2	5.2	5.2	4.6	4.6	4.0	4.0	4.0	4.0	4.0	3.5
80°	2.9	2.9	2.9	2.9	2.9	2.3	2.3	1.7	1.7	1.7	1.7
82.5°	1.7	1.7	1.7	1.2	1.2	1.2	1.2	0.6	0.6	0.6	0.6
85°	0.6	0.6	0.6	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)