

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: P1291322

Luminaire Tested: P3A05R70W2N902750DE010 E3DLP1GPH\_2700K

Issue Date: 1/30/2026

**Test Information**

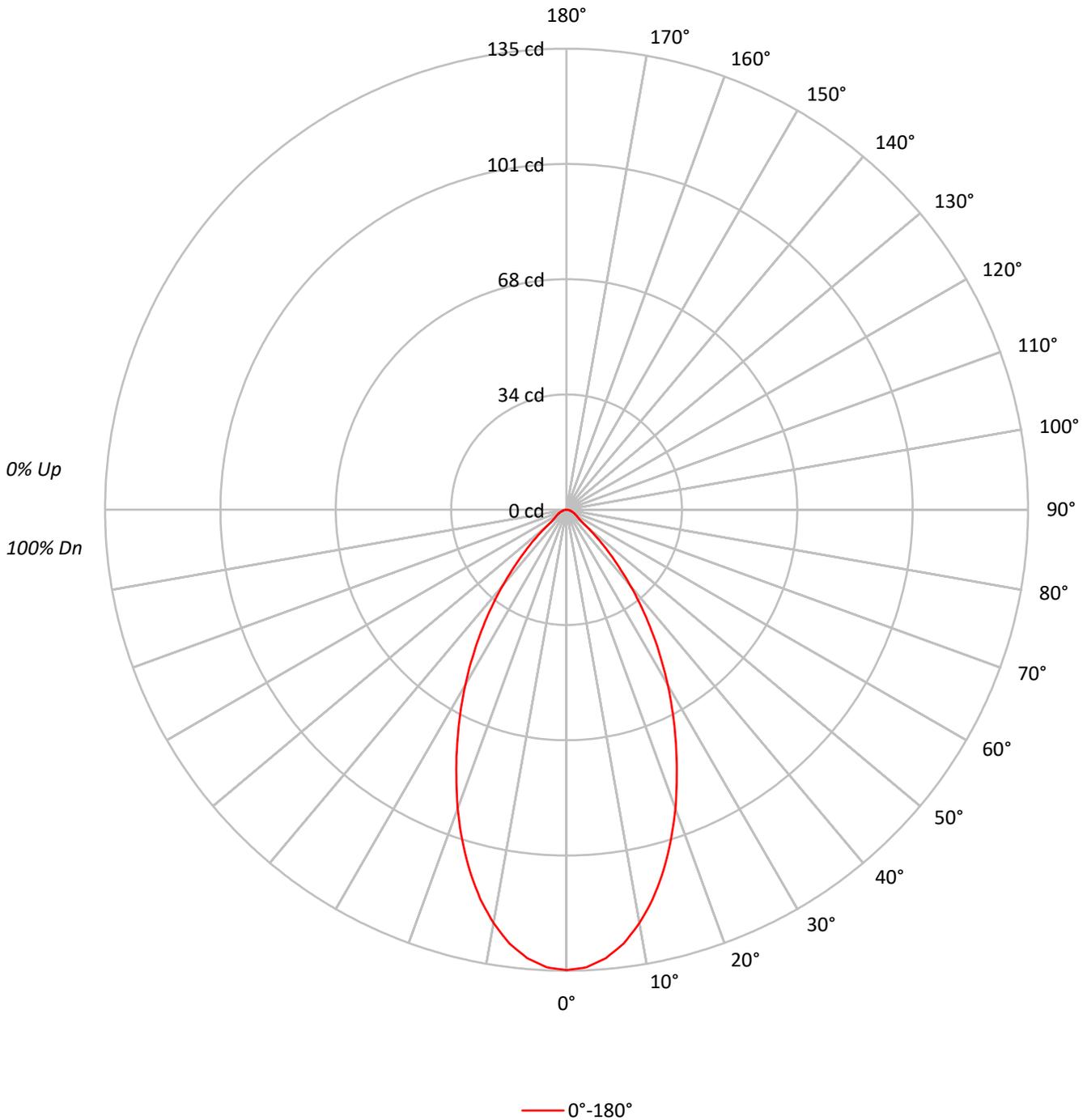
Test Method: LM-79-2019  
Report Number: P1291322  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A05R70W2N902750DE010 E3DLP1GPH\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R70 optic, 2700K CCT AND, 90CRI ,  
E3DLP1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 126.1 lumens  
Efficiency: N/A  
Efficacy: 21.4 lumens/watt  
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87  
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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**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	104	110	107	105	103	103	101	100	100	98	97	96	95	94	92			92
2	106	101	96	93	104	99	95	92	96	93	90	93	90	88	90	88	86	84			84
3	100	93	88	83	98	92	87	83	89	85	81	87	83	80	84	81	79	77			77
4	95	86	80	76	93	85	80	75	83	78	74	81	77	73	79	76	73	71			71
5	89	80	74	69	88	79	73	69	78	72	68	76	71	68	74	70	67	65			65
6	85	75	68	64	83	74	68	63	73	67	63	71	66	63	70	65	62	61			61
7	80	70	64	59	79	69	63	59	68	62	58	67	62	58	66	61	58	56			56
8	76	66	59	55	75	65	59	55	64	58	54	63	58	54	62	57	54	52			52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49			49
10	68	58	52	48	67	58	52	48	57	51	48	56	51	47	55	51	47	46			46

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

	0°
0°	29559
5°	29012
10°	27365
15°	24836
20°	21725
25°	18316
30°	14990
35°	11645
40°	8330
45°	5272
50°	2627
55°	1606
60°	1403
65°	1297
70°	1154
75°	1017
80°	884
85°	1006

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 5272 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	12.3	9.8
10°-20°	30.4	24.1
20°-30°	34.7	27.5
30°-40°	27.1	21.5
40°-50°	13.3	10.6
50°-60°	4.1	3.3
60°-70°	2.4	1.9
70°-80°	1.3	1.0
80°-90°	0.4	0.3
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°	77.4	61.4
0°-40°	104.5	82.9
0°-60°	121.9	96.7
0°-90°	126.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	126.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	135	
5°	132	12
15°	109	30
25°	76	35
35°	44	27
45°	17	13
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	134.8
2.5°	134.1
5°	131.8
7.5°	128.1
10°	122.9
12.5°	116.7
15°	109.4
17.5°	101.5
20°	93.1
22.5°	84.3
25°	75.7
27.5°	67.3
30°	59.2
32.5°	51.2
35°	43.5
37.5°	36.1
40°	29.1
42.5°	22.6
45°	17.0
47.5°	11.9
50°	7.7
52.5°	5.1
55°	4.2
57.5°	3.7
60°	3.2
62.5°	2.8
65°	2.5
67.5°	2.1
70°	1.8
72.5°	1.4
75°	1.2
77.5°	1.1
80°	0.7
82.5°	0.5
85°	0.4
87.5°	0.2
90°	0.0

(END OF REPORT)