

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: P1302709

Luminaire Tested: P3AS17R70W2N902750DE010 E3DLP1GPH_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1302709
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: P3AS17R70W2N902750DE010 E3DLP1GPH_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R70 optic, 3500K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

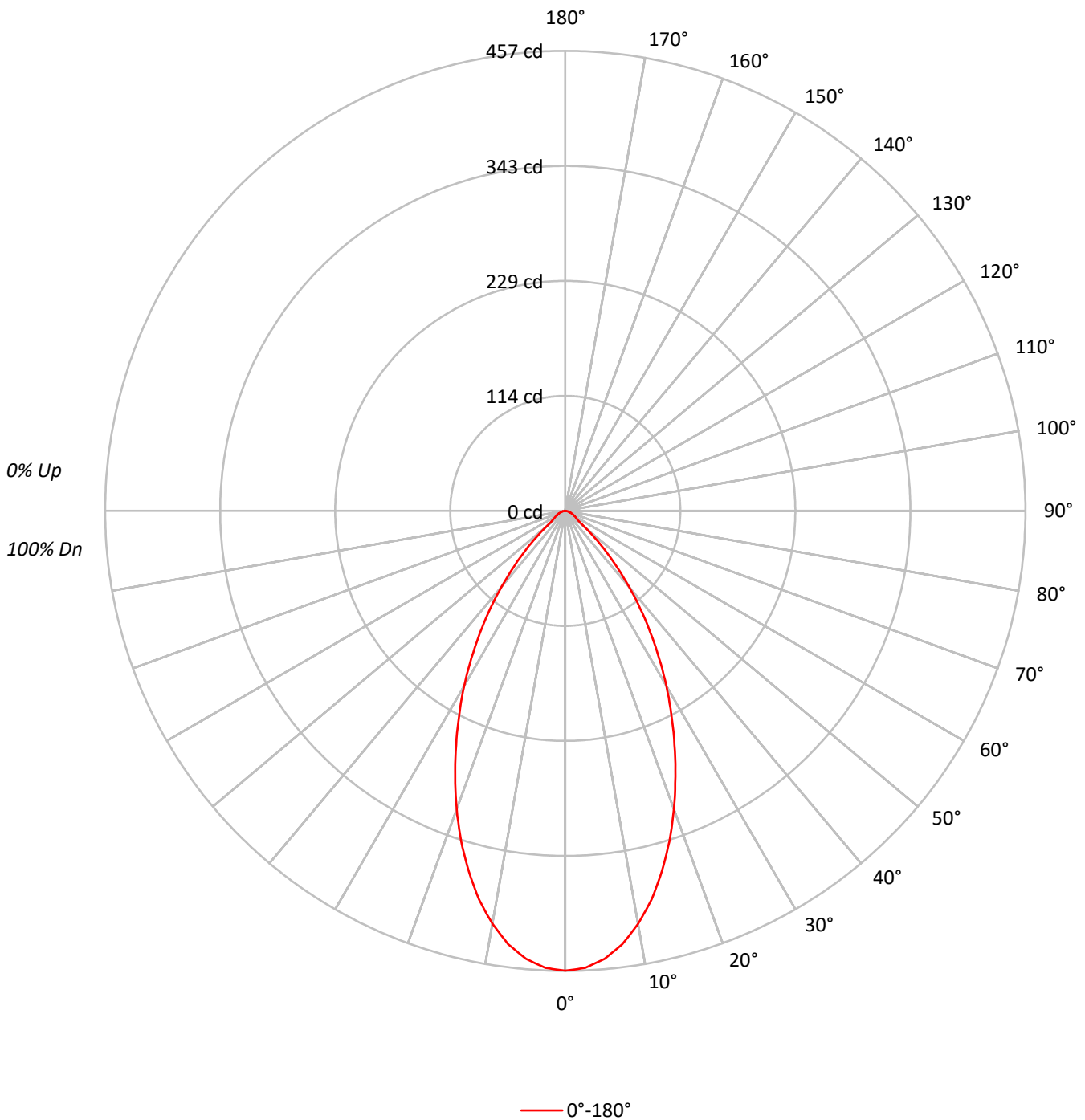
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 427.0 lumens
Efficiency: N/A
Efficacy: 22.0 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): 19.4
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	113	110	107	104	110	107	105	103	103	101	100	100	98	97	96	95	94	92	92	92	92
2	106	101	97	93	104	99	95	92	96	93	90	93	90	88	90	88	86	84	84	84	84
3	100	93	88	83	98	92	87	83	89	85	81	87	83	80	84	81	79	77	77	77	77
4	95	86	80	76	93	85	80	75	83	78	74	81	77	73	79	76	73	71	71	71	71
5	89	80	74	69	88	79	73	69	78	72	68	76	71	68	74	70	67	65	65	65	65
6	85	75	68	64	83	74	68	64	73	67	63	71	66	63	70	65	62	61	61	61	61
7	80	70	64	59	79	69	63	59	68	62	58	67	62	58	66	61	58	56	56	56	56
8	76	66	59	55	75	65	59	55	64	58	54	63	58	54	62	57	54	52	52	52	52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49	49	49	49
10	69	58	52	48	67	58	52	48	57	51	48	56	51	47	55	51	47	46	46	46	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	100167
5°	98327
10°	92717
15°	84132
20°	73600
25°	62084
30°	50843
35°	39431
40°	28224
45°	17862
50°	8904
55°	5467
60°	4693
65°	4307
70°	3783
75°	3558
80°	3031
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 17862 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.7	9.8
10°-20°	103.1	24.1
20°-30°	117.5	27.5
30°-40°	91.8	21.5
40°-50°	45.1	10.6
50°-60°	13.9	3.3
60°-70°	8.2	1.9
70°-80°	4.4	1.0
80°-90°	1.3	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°	262.3	61.4
0°-40°	354.1	82.9
0°-60°	413.1	96.7
0°-90°	427.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	427.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	457	
5°	447	42
15°	371	103
25°	257	117
35°	147	92
45°	58	45
55°	14	14
65°	8	8
75°	4	4
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	456.8
2.5°	454.4
5°	446.7
7.5°	434.2
10°	416.4
12.5°	395.6
15°	370.6
17.5°	343.9
20°	315.4
22.5°	285.7
25°	256.6
27.5°	228.1
30°	200.8
32.5°	173.4
35°	147.3
37.5°	122.4
40°	98.6
42.5°	76.6
45°	57.6
47.5°	40.4
50°	26.1
52.5°	17.2
55°	14.3
57.5°	12.5
60°	10.7
62.5°	9.5
65°	8.3
67.5°	7.1
70°	5.9
72.5°	4.8
75°	4.2
77.5°	3.6
80°	2.4
82.5°	1.8
85°	1.2
87.5°	0.6
90°	0.0

(END OF REPORT)