

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: P1302016

Luminaire Tested: P3AS17R60W2N902750DE010 E3D1H_3500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1302016
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R60W2N902750DE010 E3D1H_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 3500K CCT AND, 90CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

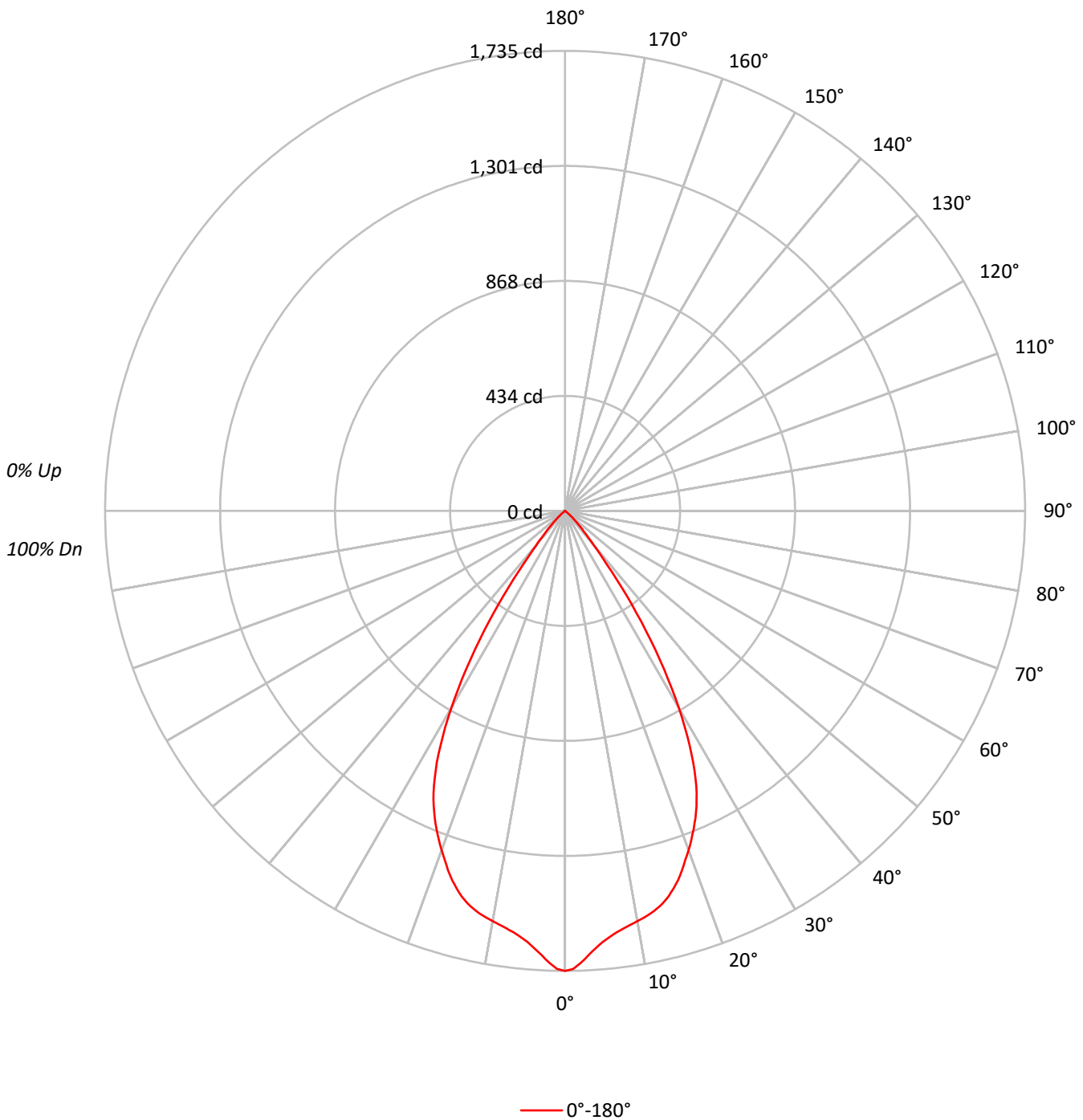
Lumens per Lamp: N/A
Luminaire Lumens: 1452.0 lumens
Efficiency: N/A
Efficacy: 74.8 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				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	114	111	109	106	111	109	107	105	105	103	102	101	100	99	98	97	96	94				94
2	108	104	100	96	106	102	98	95	99	96	93	96	93	91	93	91	89	88				88
3	103	97	92	88	101	96	91	88	93	89	86	91	87	85	88	86	84	82				82
4	98	91	85	81	96	90	85	81	88	83	80	86	82	79	84	81	78	77				77
5	93	85	80	75	92	84	79	75	83	78	74	81	77	74	79	76	73	72				72
6	89	80	74	70	87	79	74	70	78	73	70	77	72	69	75	71	69	67				67
7	85	76	70	66	83	75	69	65	74	69	65	72	68	65	71	67	64	63				63
8	81	71	65	61	79	71	65	61	70	65	61	69	64	61	68	64	61	59				59
9	77	67	62	58	76	67	61	58	66	61	57	65	61	57	64	60	57	56				56
10	73	64	58	54	72	63	58	54	63	58	54	62	57	54	61	57	54	53				53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	380452
5°	359145
10°	349804
15°	341818
20°	317828
25°	284121
30°	217021
35°	125280
40°	48634
45°	20250
50°	4469
55°	688
60°	526
65°	311
70°	385
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 20250 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	154.0	10.6
10°-20°	419.4	28.9
20°-30°	525.3	36.2
30°-40°	293.7	20.2
40°-50°	55.8	3.8
50°-60°	2.9	0.2
60°-70°	0.7	0.0
70°-80°	0.2	0.0
80°-90°	0.0	0.0
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°	1098.8	75.7
0°-40°	1392.4	95.9
0°-60°	1451.1	99.9
0°-90°	1452.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1452.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1735	
5°	1632	154
15°	1506	419
25°	1174	525
35°	468	294
45°	65	56
55°	2	3
65°	1	1
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1735.0
1°	1727.8
2°	1705.3
3°	1678.5
4°	1653.6
5°	1631.6
6°	1615.0
7°	1600.7
8°	1590.0
9°	1579.9
10°	1571.0
11°	1562.1
12°	1552.0
13°	1539.6
14°	1524.7
15°	1505.7
16°	1482.5
17°	1456.4
18°	1426.7
19°	1392.8
20°	1362.0
21°	1328.7
22°	1294.2
23°	1258.0
24°	1218.2
25°	1174.3
26°	1122.6
27°	1065.0
28°	1000.2
29°	931.3
30°	857.1
31°	782.2
32°	705.0
32.5°	662.9
33°	624.8
34°	545.9
35°	468.0
36°	398.0
37°	323.7
37.5°	289.9
38°	256.6
39°	206.7
40°	169.9
42.5°	103.3
45°	65.3



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	36.2
50°	13.1
52.5°	3.0
55°	1.8
57.5°	1.2
60°	1.2
62.5°	0.6
65°	0.6
67.5°	0.6
70°	0.6
72.5°	0.6
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)