

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: P1302169

Luminaire Tested: P3AS17R60W2N902765DE010 E3D1H_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1302169
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: P3AS17R60W2N902765DE010 E3D1H_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 5000K CCT AND, 90CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

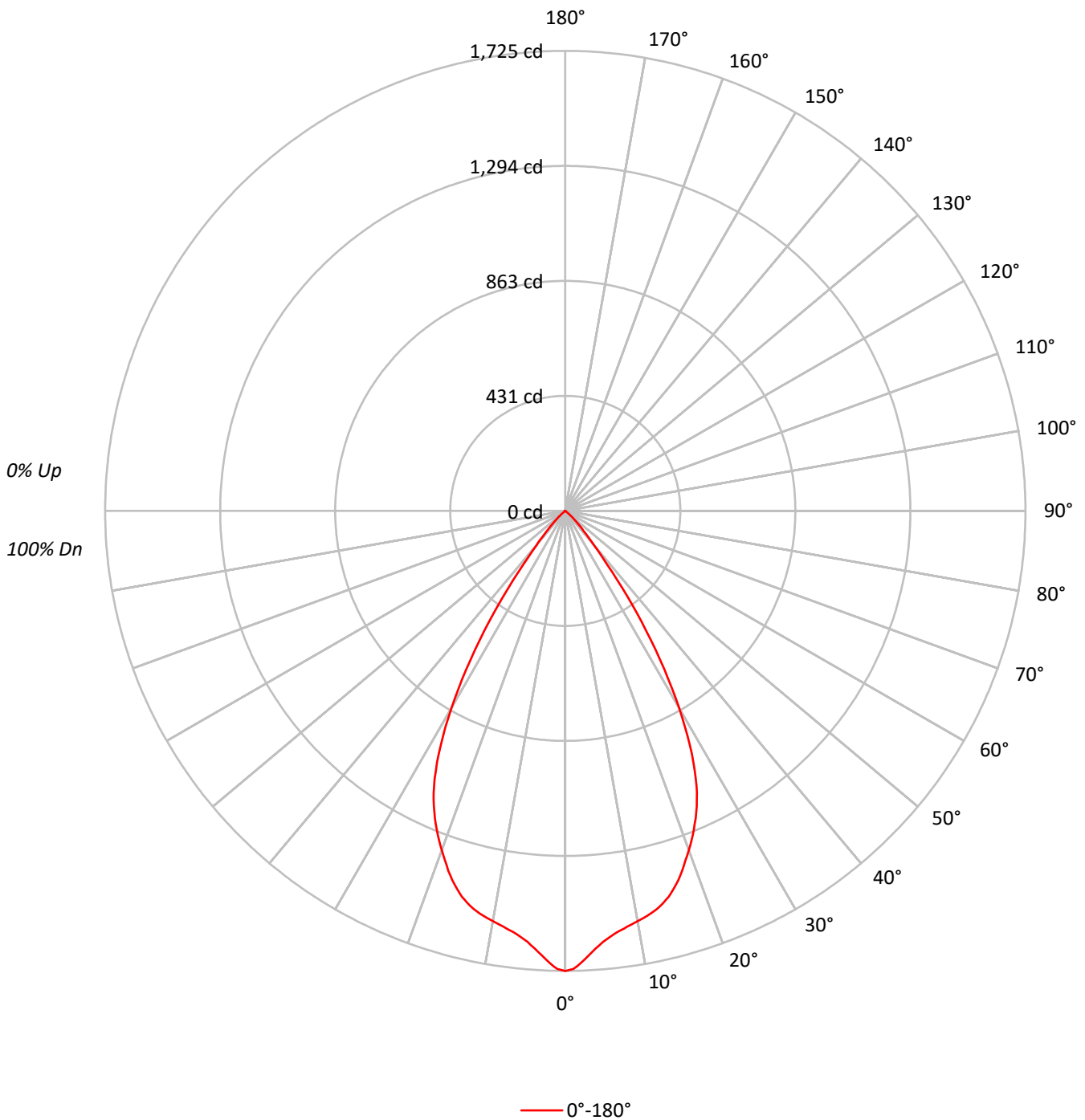
Lumens per Lamp: N/A
Luminaire Lumens: 1444.0 lumens
Efficiency: N/A
Efficacy: 74.4 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1302169

CATALOG NUMBER: P3AS17R60W2N902765DE010 E3D1H_5000K

Luminous Intensity Polar Plot





TEST NUMBER: P1302169

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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°	378347
5°	357164
10°	347889
15°	339934
20°	316077
25°	282549
30°	215831
35°	124611
40°	48348
45°	20157
50°	4435
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: 20157 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	153.2	10.6
10°-20°	417.1	28.9
20°-30°	522.4	36.2
30°-40°	292.0	20.2
40°-50°	55.5	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°	1092.7	75.7
0°-40°	1384.8	95.9
0°-60°	1443.1	99.9
0°-90°	1444.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1444.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1725	
5°	1623	153
15°	1497	417
25°	1168	522
35°	466	292
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°	1725.4
1°	1718.3
2°	1695.9
3°	1669.3
4°	1644.5
5°	1622.6
6°	1606.1
7°	1591.9
8°	1581.3
9°	1571.2
10°	1562.4
11°	1553.5
12°	1543.5
13°	1531.1
14°	1516.3
15°	1497.4
16°	1474.4
17°	1448.4
18°	1418.8
19°	1385.2
20°	1354.5
21°	1321.4
22°	1287.1
23°	1251.1
24°	1211.5
25°	1167.8
26°	1116.4
27°	1059.1
28°	994.7
29°	926.2
30°	852.4
31°	777.9
32°	701.1
32.5°	659.2
33°	621.4
34°	542.8
35°	465.5
36°	395.8
37°	321.9
37.5°	288.3
38°	255.2
39°	205.6
40°	168.9
42.5°	102.8
45°	65.0



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	36.0
50°	13.0
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)