

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: P1302019

Luminaire Tested: P3AS17R60W2N902750DE010 E3D1LI_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1302019
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 E3D1LI_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 2700K CCT AND, 90CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

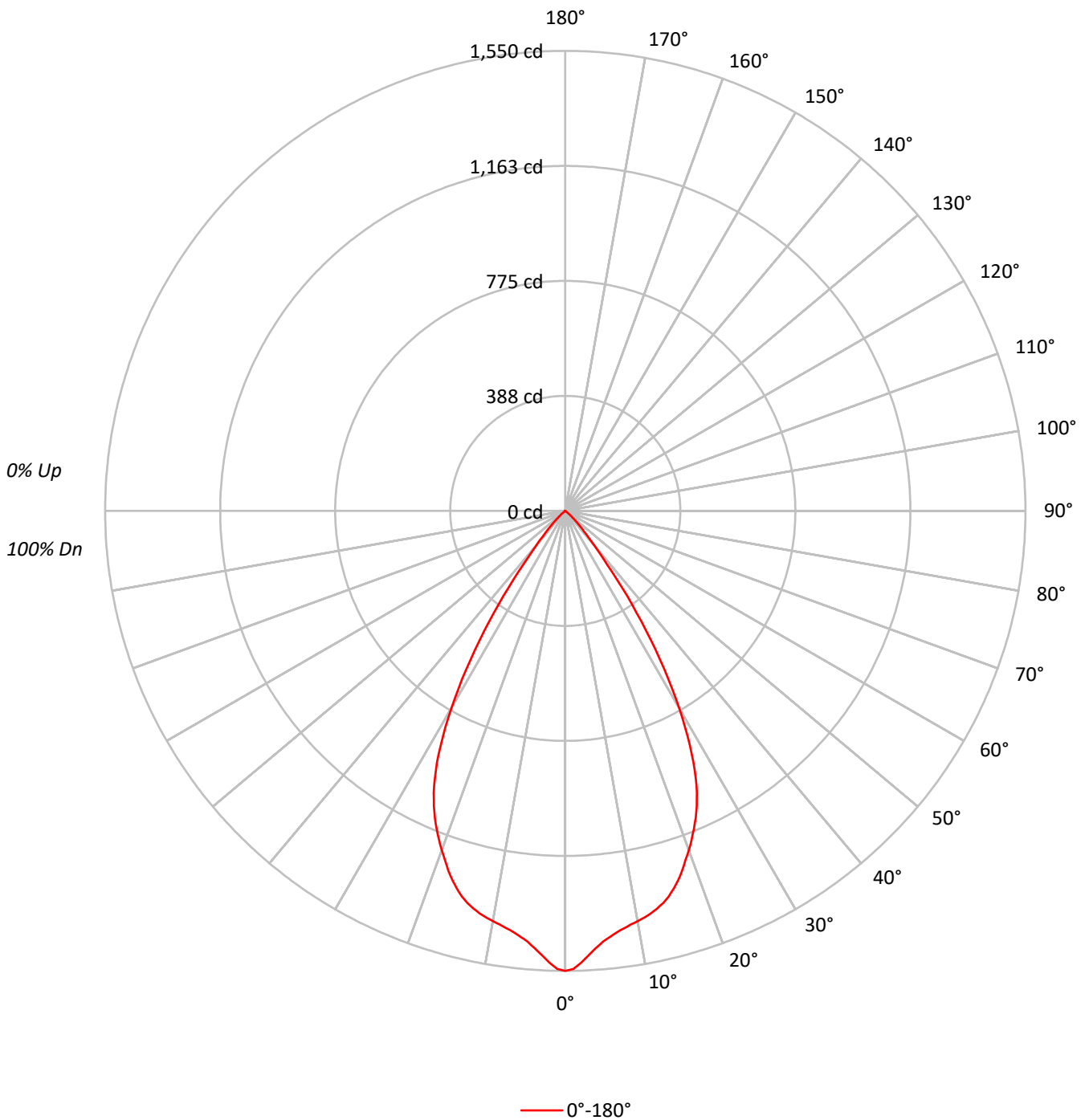
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1297.0 lumens
Efficiency: N/A
Efficacy: 66.9 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: P1302019
CATALOG NUMBER: P3AS17R60W2N902750DE010 E3D1LI_2700K

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	72	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°	339841
5°	320800
10°	312464
15°	305337
20°	283898
25°	253781
30°	193853
35°	111922
40°	43424
45°	18110
50°	3991
55°	612
60°	482
65°	259
70°	321
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 18110 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	137.6	10.6
10°-20°	374.7	28.9
20°-30°	469.2	36.2
30°-40°	262.3	20.2
40°-50°	49.9	3.8
50°-60°	2.6	0.2
60°-70°	0.6	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°	981.5	75.7
0°-40°	1243.8	95.9
0°-60°	1296.2	99.9
0°-90°	1297.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1297.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1550	
5°	1457	138
15°	1345	375
25°	1049	469
35°	418	262
45°	58	50
55°	2	3
65°	0	1
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1549.8
1°	1543.4
2°	1523.2
3°	1499.4
4°	1477.1
5°	1457.4
6°	1442.6
7°	1429.9
8°	1420.3
9°	1411.3
10°	1403.3
11°	1395.4
12°	1386.3
13°	1375.2
14°	1361.9
15°	1345.0
16°	1324.3
17°	1300.9
18°	1274.4
19°	1244.2
20°	1216.6
21°	1186.9
22°	1156.1
23°	1123.7
24°	1088.2
25°	1048.9
26°	1002.8
27°	951.3
28°	893.5
29°	831.9
30°	765.6
31°	698.7
32°	629.8
32.5°	592.1
33°	558.1
34°	487.6
35°	418.1
36°	355.5
37°	289.2
37.5°	258.9
38°	229.2
39°	184.6
40°	151.7
42.5°	92.3
45°	58.4



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	32.4
50°	11.7
52.5°	2.7
55°	1.6
57.5°	1.1
60°	1.1
62.5°	0.5
65°	0.5
67.5°	0.5
70°	0.5
72.5°	0.5
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)