

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: P1302028

Luminaire Tested: P3AS17R60W2N902750DE010 E3D1MW_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1302028
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-40)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R60W2N902750DE010 E3D1MW_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 5000K CCT AND, 90CRI ,
E3D1MW TRIM
Light Source: -
Ballast/Driver: -

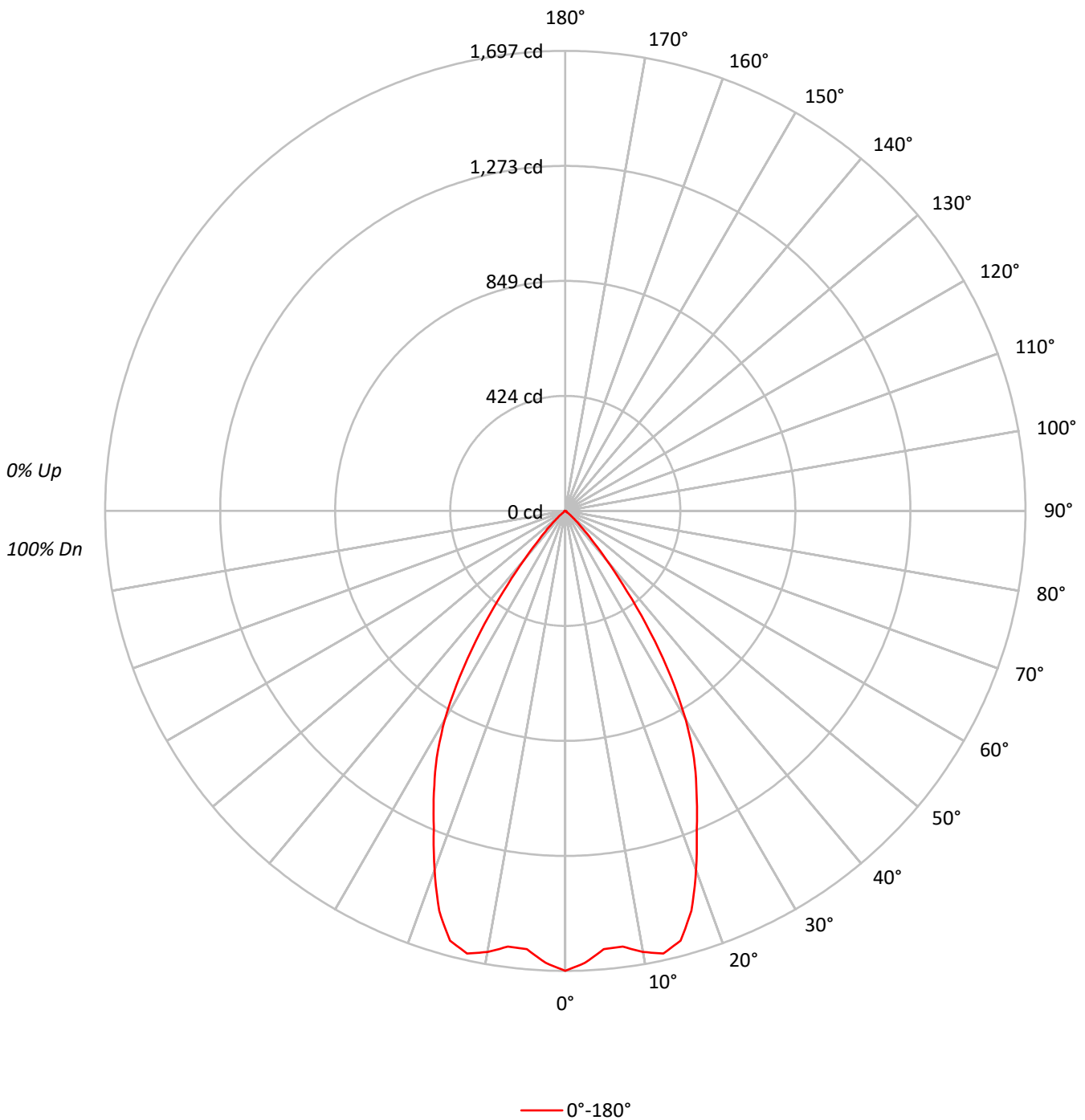
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1558.0 lumens
Efficiency: N/A
Efficacy: 80.3 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.91
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: P1302028
CATALOG NUMBER: P3AS17R60W2N902750DE010 E3D1MW_5000K

Luminous Intensity Polar Plot





TEST NUMBER: P1302028

CATALOG NUMBER: P3AS17R60W2N902750DE010 E3D1MW_5000K

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	50	0
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	94	94
1	114	111	108	106	111	109	106	104	105	103	101	101	100	98	97	96	95	94	94	94	94	94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87	87	87	87	87
3	103	96	91	88	101	95	90	87	92	89	85	90	87	84	88	85	83	81	81	81	81	81
4	98	90	85	81	96	89	84	80	87	83	79	85	81	78	83	80	77	76	76	76	76	76
5	93	84	79	74	91	84	78	74	82	77	73	80	76	73	79	75	72	71	71	71	71	71
6	88	79	73	69	87	79	73	69	77	72	68	76	71	68	74	70	68	66	66	66	66	66
7	84	75	69	64	82	74	68	64	73	68	64	71	67	64	70	66	63	62	62	62	62	62
8	80	70	64	60	78	70	64	60	69	64	60	68	63	60	67	63	59	58	58	58	58	58
9	76	66	61	57	75	66	60	56	65	60	56	64	59	56	63	59	56	55	55	55	55	55
10	72	63	57	53	71	62	57	53	62	56	53	61	56	53	60	56	53	51	51	51	51	51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	372032
5°	357274
10°	367862
15°	372579
20°	329005
25°	277274
30°	224870
35°	146454
40°	67269
45°	25770
50°	8631
55°	2294
60°	2105
65°	1868
70°	1539
75°	2033
80°	1515
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 25770 cd/sqm



TEST NUMBER: P1302028

CATALOG NUMBER: P3AS17R60W2N902750DE010 E3D1MW_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	156.2	10.0
10°-20°	449.4	28.8
20°-30°	524.2	33.6
30°-40°	338.3	21.7
40°-50°	75.8	4.9
50°-60°	7.5	0.5
60°-70°	3.6	0.2
70°-80°	2.1	0.1
80°-90°	0.8	0.1
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°	1129.9	72.5
0°-40°	1468.2	94.2
0°-60°	1551.5	99.6
0°-90°	1558.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1558.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1697	
5°	1623	156
15°	1641	449
25°	1146	524
35°	547	338
45°	83	76
55°	6	8
65°	4	4
75°	2	2
85°	1	1
90°	0	



TEST NUMBER: P1302028

CATALOG NUMBER: P3AS17R60W2N902750DE010 E3D1MW_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	1696.6
2.5°	1668.9
5°	1623.1
7.5°	1620.7
10°	1652.1
12.5°	1672.5
15°	1641.2
17.5°	1547.2
20°	1409.9
22.5°	1266.5
25°	1146.0
27.5°	1027.9
30°	888.1
32.5°	724.2
35°	547.1
37.5°	373.6
40°	235.0
42.5°	141.0
45°	83.1
47.5°	48.2
50°	25.3
52.5°	8.4
55°	6.0
57.5°	4.8
60°	4.8
62.5°	3.6
65°	3.6
67.5°	3.6
70°	2.4
72.5°	2.4
75°	2.4
77.5°	1.2
80°	1.2
82.5°	1.2
85°	1.2
87.5°	0.0
90°	0.0

(END OF REPORT)