

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: P1302097

Luminaire Tested: P3AS17R60W2N902750DE010 E3DLD1WMH_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1302097
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R60W2N902750DE010 E3DLD1WMH_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 4000K CCT AND, 90CRI ,
E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

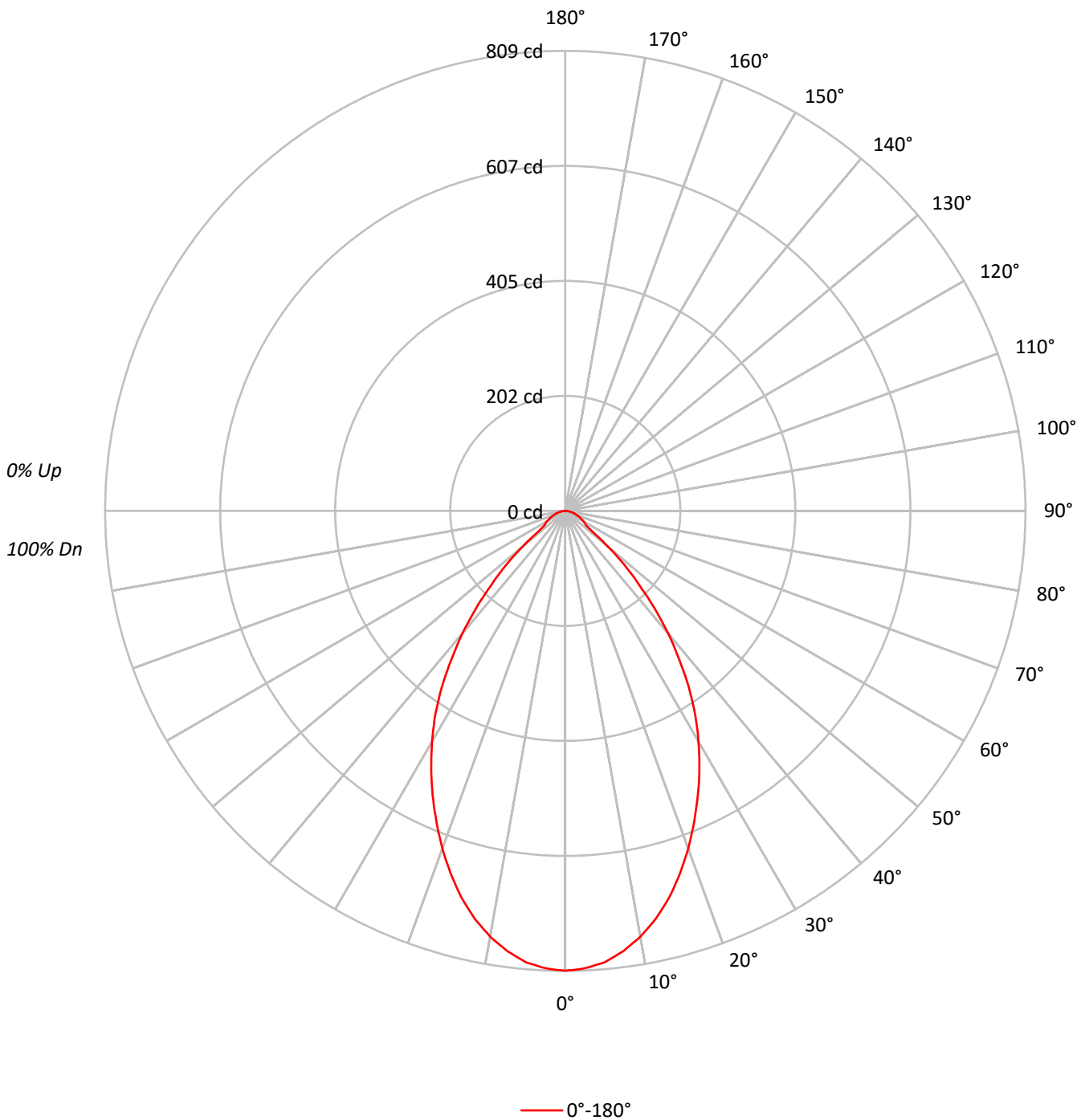
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 999.0 lumens
Efficiency: N/A
Efficacy: 51.5 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	112	109	106	103	110	107	104	101	102	100	98	99	97	95	95	94	93	91
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	86	84	82
3	99	91	85	80	96	89	84	79	87	82	78	84	80	77	82	78	76	74
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67
5	87	77	70	65	85	76	69	65	74	68	64	72	67	63	71	66	63	61
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	58	56
7	77	66	59	54	75	65	59	54	64	58	54	63	57	53	61	57	53	51
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47
9	68	57	51	46	67	57	50	46	56	50	46	55	49	46	54	49	45	44
10	65	54	47	43	64	53	47	43	52	47	43	52	46	42	51	46	42	41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	177332
5°	175346
10°	169269
15°	159910
20°	147409
25°	133484
30°	118499
35°	101268
40°	80522
45°	56781
50°	33909
55°	17165
60°	16490
65°	15099
70°	13977
75°	13386
80°	12249
85°	9057

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 56781 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.9	7.5
10°-20°	196.9	19.7
20°-30°	252.8	25.3
30°-40°	234.4	23.5
40°-50°	142.7	14.3
50°-60°	47.6	4.8
60°-70°	28.9	2.9
70°-80°	16.3	1.6
80°-90°	4.6	0.5
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°	524.5	52.5
0°-40°	758.9	76.0
0°-60°	949.2	95.0
0°-90°	999.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	999.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	809	
5°	797	75
15°	704	197
25°	552	253
35°	378	234
45°	183	143
55°	45	48
65°	29	29
75°	16	16
85°	4	5
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	808.7
2.5°	805.1
5°	796.6
7.5°	780.8
10°	760.2
12.5°	734.8
15°	704.4
17.5°	669.3
20°	631.7
22.5°	591.7
25°	551.7
27.5°	510.5
30°	468.0
32.5°	425.6
35°	378.3
37.5°	328.6
40°	281.3
42.5°	231.6
45°	183.1
47.5°	141.9
50°	99.4
52.5°	59.4
55°	44.9
57.5°	41.2
60°	37.6
62.5°	32.7
65°	29.1
67.5°	25.5
70°	21.8
72.5°	18.2
75°	15.8
77.5°	12.1
80°	9.7
82.5°	6.1
85°	3.6
87.5°	2.4
90°	0.0

(END OF REPORT)