

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: P1302095

Luminaire Tested: P3AS17R60W2N902750DE010 E3DLD1WMH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1302095
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_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 3000K CCT AND, 90CRI ,
E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

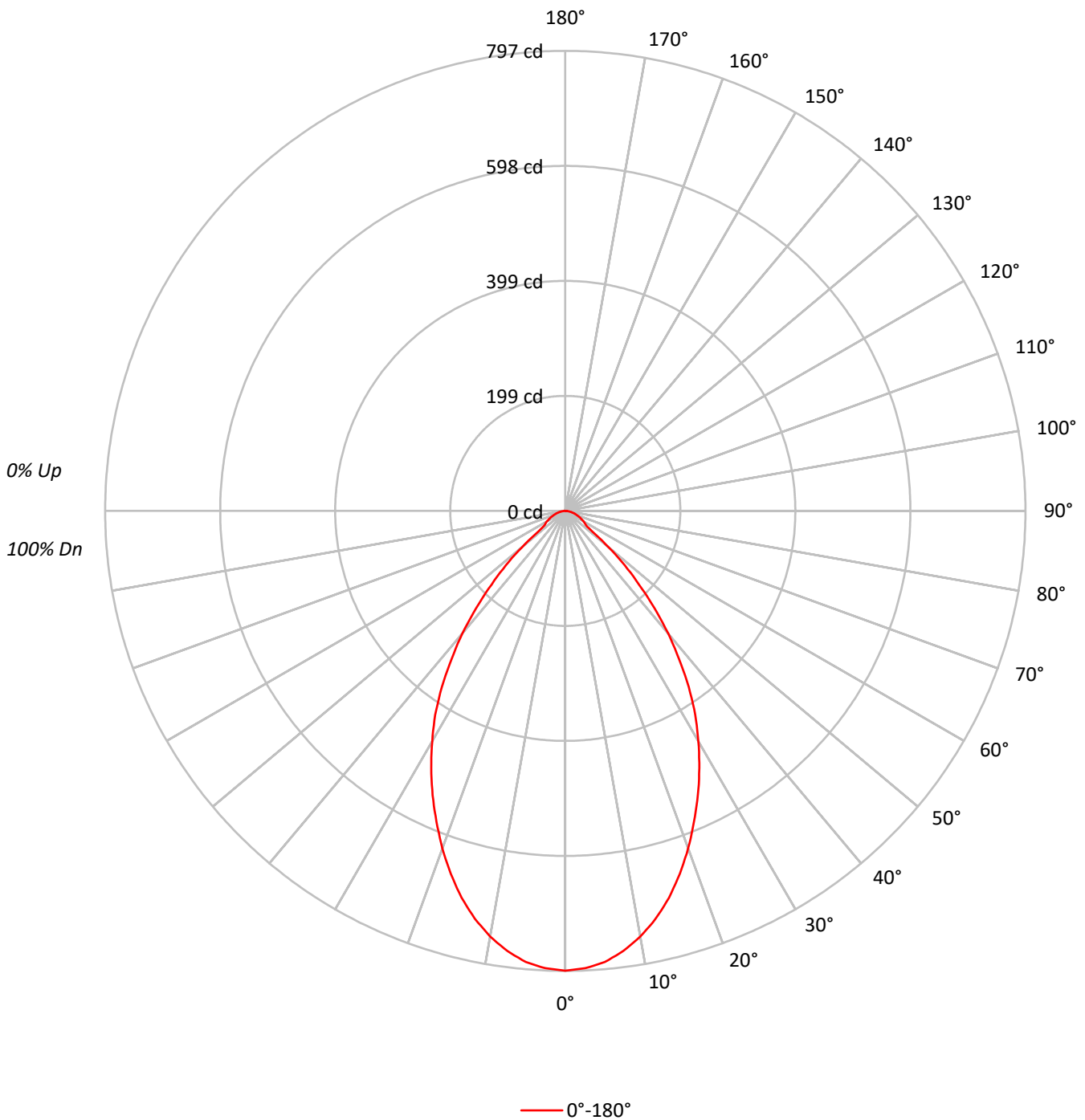
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 984.0 lumens
Efficiency: N/A
Efficacy: 50.7 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°	174679
5°	172705
10°	166730
15°	157526
20°	145193
25°	131475
30°	116727
35°	99742
40°	79320
45°	55913
50°	33398
55°	16898
60°	16227
65°	14891
70°	13784
75°	13132
80°	12123
85°	9057

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 55913 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.7	7.5
10°-20°	193.9	19.7
20°-30°	249.0	25.3
30°-40°	230.8	23.5
40°-50°	140.5	14.3
50°-60°	46.8	4.8
60°-70°	28.5	2.9
70°-80°	16.0	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°	516.6	52.5
0°-40°	747.5	76.0
0°-60°	934.9	95.0
0°-90°	984.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	984.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	797	
5°	785	74
15°	694	194
25°	543	249
35°	373	231
45°	180	141
55°	44	47
65°	29	29
75°	16	16
85°	4	5
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	796.6
2.5°	793.0
5°	784.6
7.5°	769.1
10°	748.8
12.5°	723.7
15°	693.9
17.5°	659.2
20°	622.2
22.5°	582.8
25°	543.4
27.5°	502.8
30°	461.0
32.5°	419.2
35°	372.6
37.5°	323.6
40°	277.1
42.5°	228.1
45°	180.3
47.5°	139.7
50°	97.9
52.5°	58.5
55°	44.2
57.5°	40.6
60°	37.0
62.5°	32.2
65°	28.7
67.5°	25.1
70°	21.5
72.5°	17.9
75°	15.5
77.5°	11.9
80°	9.6
82.5°	6.0
85°	3.6
87.5°	2.4
90°	0.0

(END OF REPORT)