

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: P1302069

Luminaire Tested: P3AS17R60W2N902750DE010 E3DLD1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1302069
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 E3DLD1GPH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 2700K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

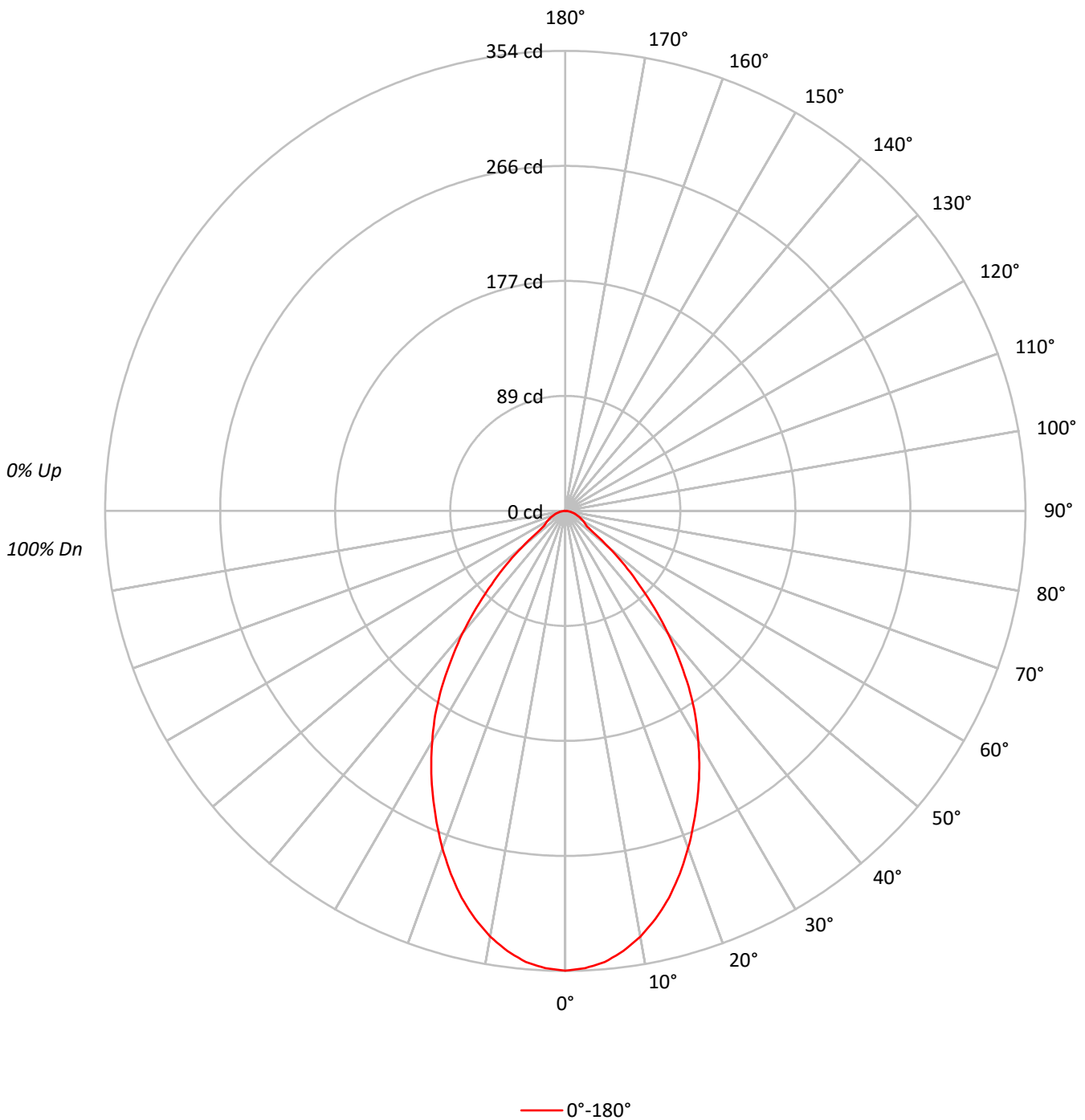
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 437.0 lumens
Efficiency: N/A
Efficacy: 22.5 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	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	100	100
1	112	109	106	103	110	107	104	101	102	100	98	99	97	95	95	94	93	91	91	91	91
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	86	84	82	82	82	82
3	99	91	85	80	96	89	84	79	87	82	78	84	80	77	82	78	76	74	74	74	74
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67	67	67	67
5	87	77	70	65	85	76	69	65	74	68	64	72	67	63	71	66	63	61	61	61	61
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	58	56	56	56	56
7	77	66	59	54	75	65	59	54	64	58	54	63	57	53	61	57	53	51	51	51	51
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47	47	47	47
9	68	57	51	46	67	57	50	46	56	50	46	55	49	46	54	49	45	44	44	44	44
10	65	54	47	43	64	53	47	43	52	47	43	52	46	42	51	46	42	41	41	41	41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	77582
5°	76711
10°	74058
15°	69966
20°	64476
25°	58382
30°	51831
35°	44303
40°	35209
45°	24840
50°	14840
55°	7493
60°	7192
65°	6590
70°	6091
75°	5846
80°	5304
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 24840 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.7	7.5
10°-20°	86.1	19.7
20°-30°	110.6	25.3
30°-40°	102.5	23.5
40°-50°	62.4	14.3
50°-60°	20.8	4.8
60°-70°	12.6	2.9
70°-80°	7.1	1.6
80°-90°	2.0	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°	229.4	52.5
0°-40°	332.0	76.0
0°-60°	415.2	95.0
0°-90°	437.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	437.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	354	
5°	348	33
15°	308	86
25°	241	111
35°	166	103
45°	80	62
55°	20	21
65°	13	13
75°	7	7
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	353.8
2.5°	352.2
5°	348.5
7.5°	341.6
10°	332.6
12.5°	321.4
15°	308.2
17.5°	292.8
20°	276.3
22.5°	258.8
25°	241.3
27.5°	223.3
30°	204.7
32.5°	186.2
35°	165.5
37.5°	143.7
40°	123.0
42.5°	101.3
45°	80.1
47.5°	62.1
50°	43.5
52.5°	26.0
55°	19.6
57.5°	18.0
60°	16.4
62.5°	14.3
65°	12.7
67.5°	11.1
70°	9.5
72.5°	8.0
75°	6.9
77.5°	5.3
80°	4.2
82.5°	2.7
85°	1.6
87.5°	1.1
90°	0.0

(END OF REPORT)