

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: P1301789

Luminaire Tested: P3AS17R55W2N902750DE010 E3DLP1H_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1301789
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R55W2N902750DE010 E3DLP1H_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 5000K CCT AND, 90CRI ,
E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

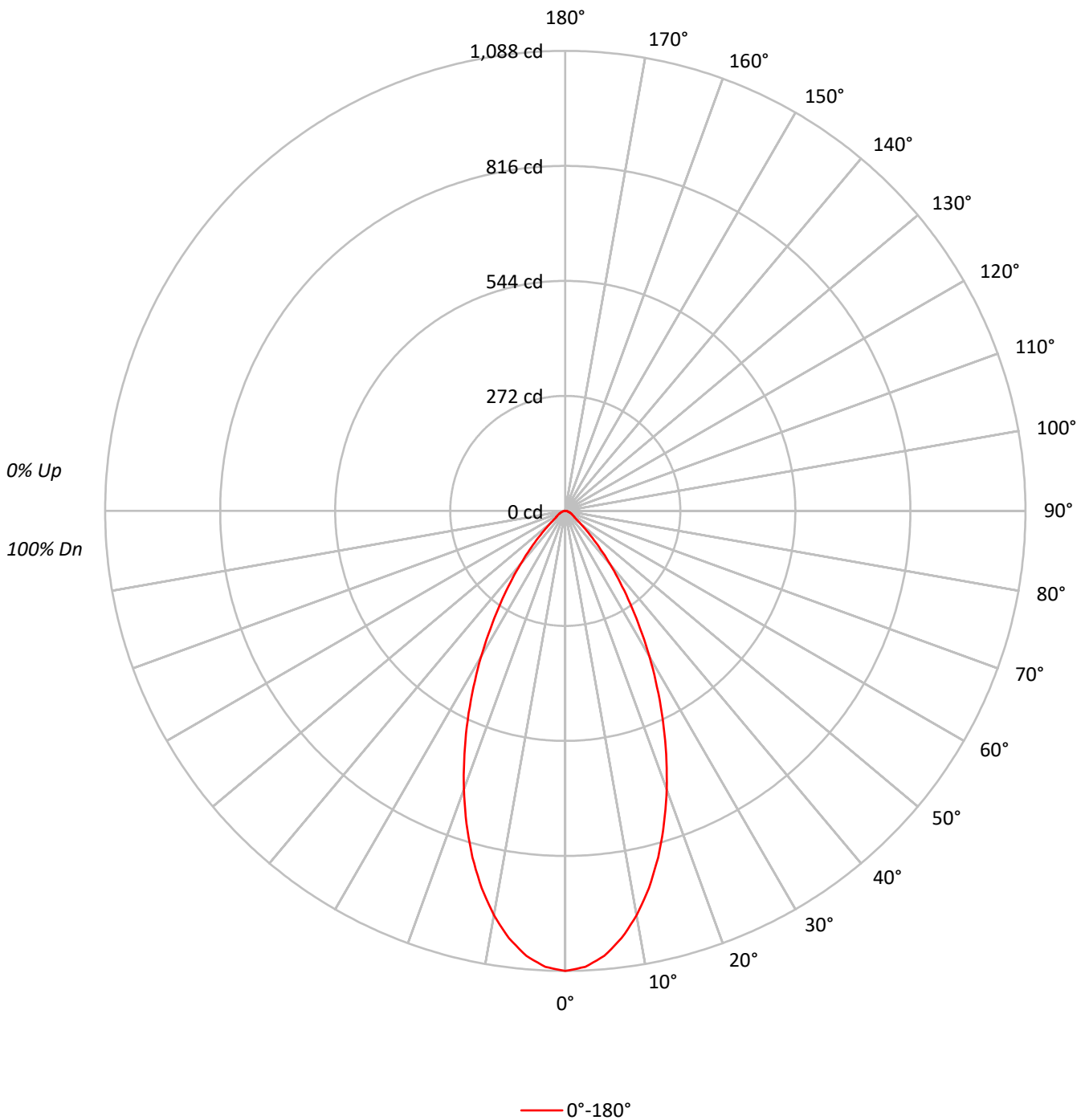
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 877.0 lumens
Efficiency: N/A
Efficacy: 45.2 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
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	113	110	107	105	110	108	105	103	104	102	100	100	98	97	97	95	94	92
2	107	102	97	94	105	100	96	93	97	93	91	94	91	89	91	89	87	85
3	101	94	89	85	99	93	88	84	90	86	83	88	84	81	85	83	80	79
4	96	88	82	77	94	87	81	77	84	80	76	82	78	75	80	77	74	73
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69	67
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	68	64	63
7	82	72	66	61	80	71	65	61	70	65	61	69	64	60	68	63	60	59
8	78	68	62	57	76	67	61	57	66	61	57	65	60	57	64	60	56	55
9	74	64	58	54	73	63	58	54	62	57	53	62	57	53	61	56	53	52
10	70	60	55	51	69	60	54	50	59	54	50	58	54	50	58	53	50	49

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	238577
5°	232577
10°	216228
15°	192555
20°	163628
25°	132056
30°	100674
35°	71608
40°	47260
45°	28034
50°	16443
55°	10131
60°	8991
65°	8146
70°	6924
75°	6100
80°	6061
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 28034 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	98.1	11.2
10°-20°	235.1	26.8
20°-30°	249.1	28.4
30°-40°	168.3	19.2
40°-50°	73.8	8.4
50°-60°	26.4	3.0
60°-70°	15.5	1.8
70°-80°	8.1	0.9
80°-90°	2.6	0.3
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°	582.3	66.4
0°-40°	750.6	85.6
0°-60°	850.8	97.0
0°-90°	877.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	877.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1088	
5°	1057	98
15°	848	235
25°	546	249
35°	268	168
45°	90	74
55°	26	26
65°	16	16
75°	7	8
85°	2	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1088.0
2.5°	1079.5
5°	1056.6
7.5°	1019.3
10°	971.1
12.5°	913.3
15°	848.2
17.5°	775.9
20°	701.2
22.5°	622.9
25°	545.8
27.5°	469.9
30°	397.6
32.5°	328.9
35°	267.5
37.5°	212.1
40°	165.1
42.5°	124.1
45°	90.4
47.5°	66.3
50°	48.2
52.5°	33.7
55°	26.5
57.5°	24.1
60°	20.5
62.5°	18.1
65°	15.7
67.5°	13.3
70°	10.8
72.5°	9.6
75°	7.2
77.5°	6.0
80°	4.8
82.5°	3.6
85°	2.4
87.5°	1.2
90°	0.0

(END OF REPORT)