

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: P1301798

Luminaire Tested: P3AS17R55W2N902750DE010 E3DLP1MW_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1301798
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 E3DLP1MW_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 4000K CCT AND, 90CRI ,
E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

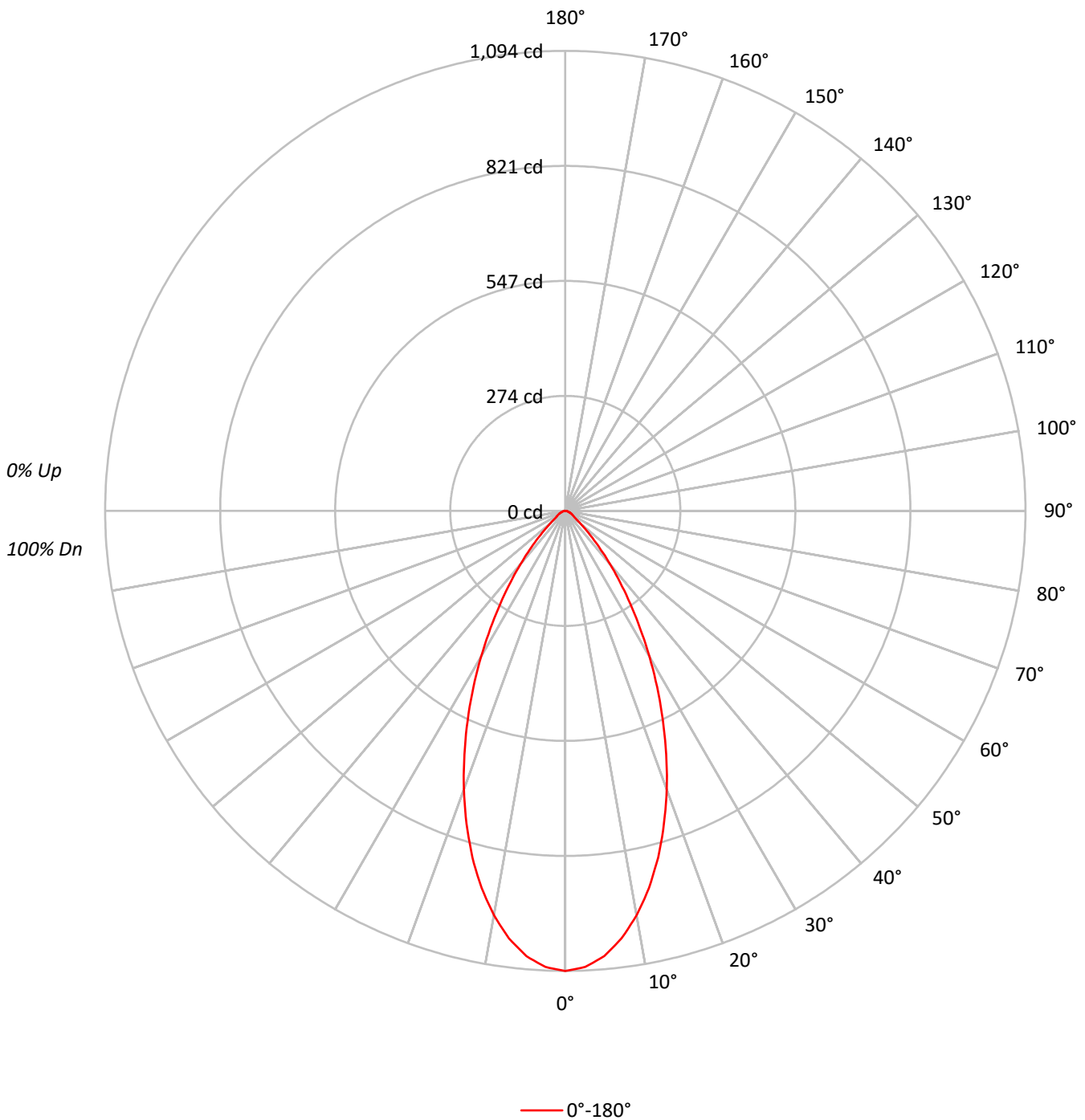
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 882.0 lumens
Efficiency: N/A
Efficacy: 45.5 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	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°	239937
5°	233920
10°	217453
15°	193645
20°	164561
25°	132806
30°	101256
35°	72009
40°	47518
45°	28189
50°	16545
55°	10208
60°	9034
65°	8198
70°	6988
75°	6185
80°	6061
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 28189 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	98.7	11.2
10°-20°	236.5	26.8
20°-30°	250.5	28.4
30°-40°	169.3	19.2
40°-50°	74.2	8.4
50°-60°	26.6	3.0
60°-70°	15.6	1.8
70°-80°	8.2	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°	585.6	66.4
0°-40°	754.9	85.6
0°-60°	855.6	97.0
0°-90°	882.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	882.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1094	
5°	1063	99
15°	853	236
25°	549	250
35°	269	169
45°	91	74
55°	27	27
65°	16	16
75°	7	8
85°	2	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1094.2
2.5°	1085.7
5°	1062.7
7.5°	1025.1
10°	976.6
12.5°	918.5
15°	853.0
17.5°	780.3
20°	705.2
22.5°	626.5
25°	548.9
27.5°	472.6
30°	399.9
32.5°	330.8
35°	269.0
37.5°	213.3
40°	166.0
42.5°	124.8
45°	90.9
47.5°	66.6
50°	48.5
52.5°	33.9
55°	26.7
57.5°	24.2
60°	20.6
62.5°	18.2
65°	15.8
67.5°	13.3
70°	10.9
72.5°	9.7
75°	7.3
77.5°	6.1
80°	4.8
82.5°	3.6
85°	2.4
87.5°	1.2
90°	0.0

(END OF REPORT)