

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: P1301680

Luminaire Tested: P3AS17R55W2N902750DE010 E3CD1MB_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1301680
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-36)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R55W2N902750DE010 E3CD1MB_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 2700K CCT AND, 90CRI ,
E3CD1MB TRIM
Light Source: -
Ballast/Driver: -

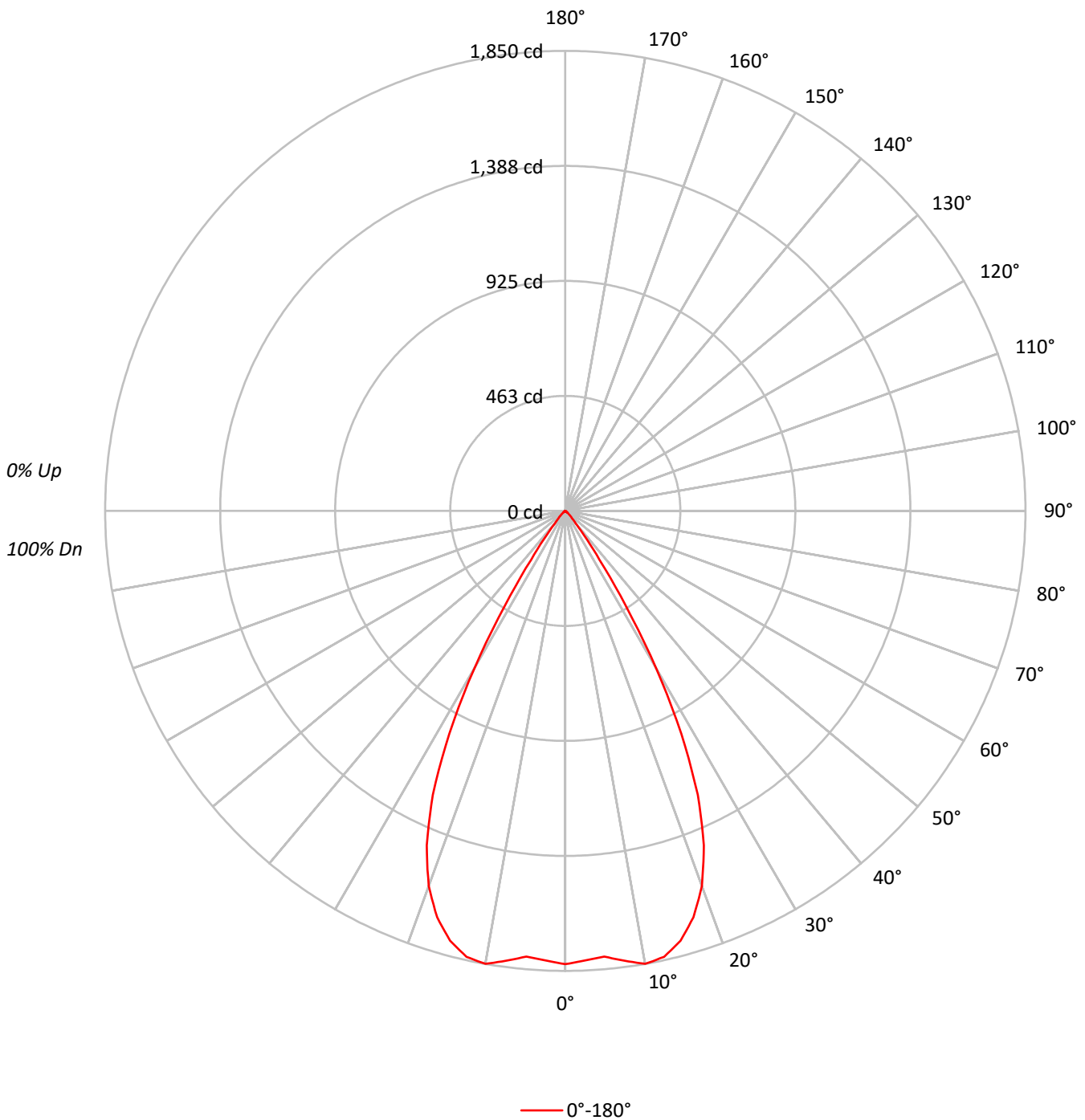
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1441.0 lumens
Efficiency: N/A
Efficacy: 74.3 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.82
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

TEST NUMBER: P1301680
CATALOG NUMBER: P3AS17R55W2N902750DE010 E3CD1MB_2700K

Luminous Intensity Polar Plot





TEST NUMBER: P1301680

CATALOG NUMBER: P3AS17R55W2N902750DE010 E3CD1MB_2700K

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	114	111	109	107	112	109	107	105	105	104	102	101	100	99	98	97	96	94			
2	109	104	101	98	107	103	99	96	100	97	94	97	94	92	94	92	90	89			
3	104	98	94	90	102	97	93	89	94	91	88	92	89	86	90	87	85	84			
4	99	92	87	84	98	91	87	83	89	85	82	87	84	81	85	83	80	79			
5	95	87	82	78	93	86	81	78	85	80	77	83	79	76	82	78	76	74			
6	91	83	77	73	89	82	77	73	80	76	72	79	75	72	78	74	72	70			
7	87	78	73	69	85	78	72	69	76	72	68	75	71	68	74	70	68	66			
8	83	74	69	65	82	74	68	65	73	68	65	72	67	64	71	67	64	63			
9	79	71	65	61	78	70	65	61	69	64	61	68	64	61	68	64	61	60			
10	76	67	62	58	75	67	62	58	66	61	58	65	61	58	65	61	58	57			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	399661
5°	395949
10°	411861
15°	406154
20°	374533
25°	304735
30°	185092
35°	64059
40°	18291
45°	8745
50°	3684
55°	1644
60°	1886
65°	1660
70°	1410
75°	1864
80°	1389
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 8745 cd/sqm



TEST NUMBER: P1301680

CATALOG NUMBER: P3AS17R55W2N902750DE010 E3CD1MB_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	173.9	12.1
10°-20°	497.2	34.5
20°-30°	554.3	38.5
30°-40°	181.3	12.6
40°-50°	23.9	1.7
50°-60°	5.0	0.3
60°-70°	2.9	0.2
70°-80°	1.9	0.1
80°-90°	0.4	0.0
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°	1225.5	85.0
0°-40°	1406.8	97.6
0°-60°	1435.8	99.6
0°-90°	1441.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1441.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1823	
5°	1799	174
15°	1789	497
25°	1260	554
35°	239	181
45°	28	24
55°	4	5
65°	3	3
75°	2	2
85°	0	0
90°	0	



TEST NUMBER: P1301680
CATALOG NUMBER: P3AS17R55W2N902750DE010 E3CD1MB_2700K

CANDELA DISTRIBUTION (FULL):

	0°
0°	1822.6
2.5°	1809.6
5°	1798.8
7.5°	1824.8
10°	1849.7
12.5°	1836.7
15°	1789.1
17.5°	1713.3
20°	1605.0
22.5°	1455.5
25°	1259.5
27.5°	1010.4
30°	731.0
32.5°	448.3
35°	239.3
37.5°	121.3
40°	63.9
42.5°	41.2
45°	28.2
47.5°	19.5
50°	10.8
52.5°	6.5
55°	4.3
57.5°	4.3
60°	4.3
62.5°	3.2
65°	3.2
67.5°	2.2
70°	2.2
72.5°	2.2
75°	2.2
77.5°	1.1
80°	1.1
82.5°	1.1
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)