

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: P1301805

Luminaire Tested: P3AS17R55W2N902750DE010 E3DLP1WMH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1301805
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 E3DLP1WMH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 2700K CCT AND, 90CRI ,
E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

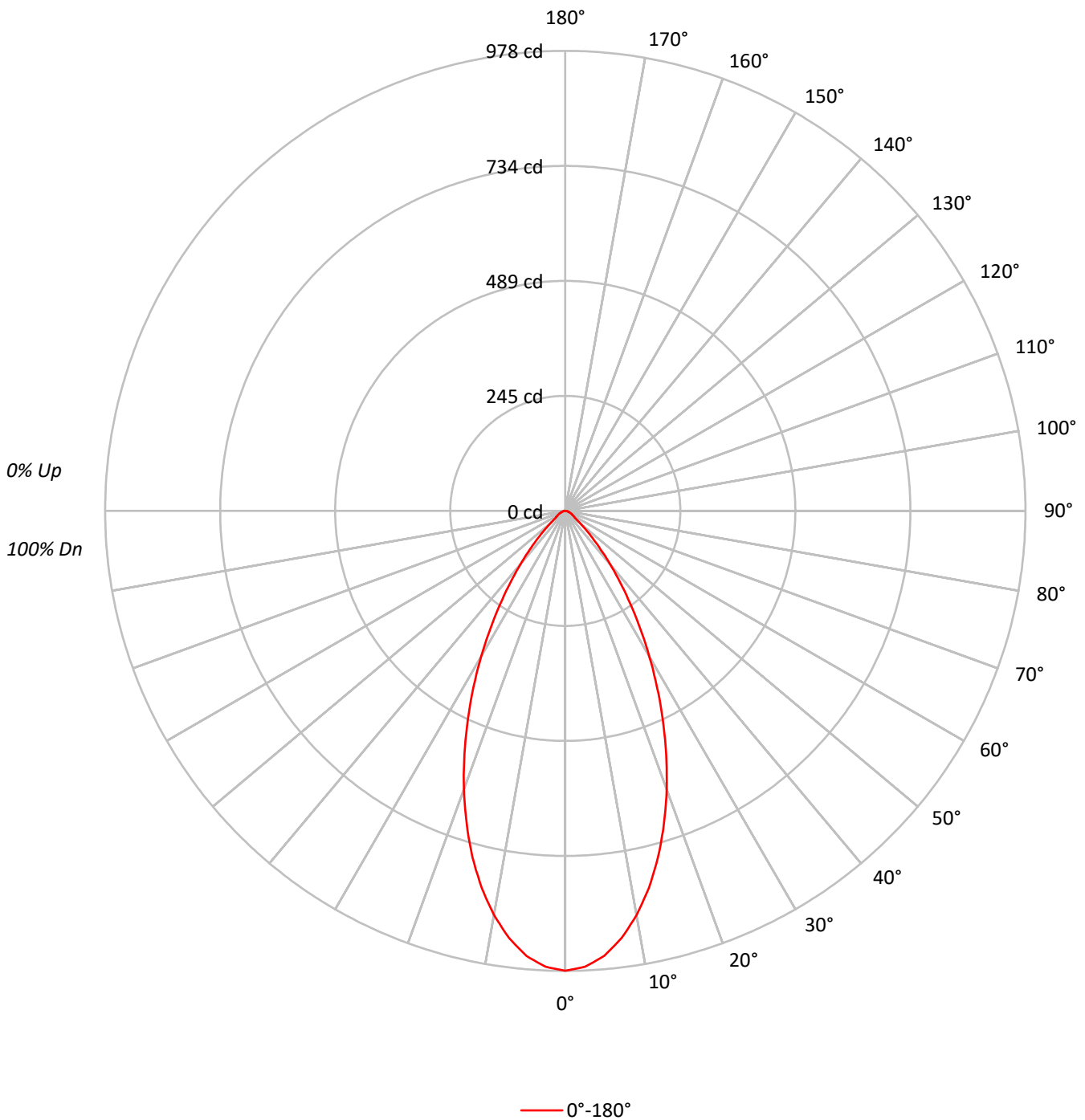
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 788.0 lumens
Efficiency: N/A
Efficacy: 40.6 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			100
1	113	110	107	105	110	108	105	103	104	102	100	100	98	97	97	95	94	92			92
2	107	102	97	94	105	100	96	93	97	93	91	94	91	89	91	89	87	85			85
3	101	94	89	85	99	93	88	84	90	86	83	88	84	81	85	83	80	79			79
4	96	88	82	77	94	87	81	77	84	80	76	82	78	75	80	77	74	73			73
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69	67			67
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	68	64	63			63
7	82	72	66	61	80	71	65	61	70	65	61	69	64	60	68	63	60	59			59
8	78	68	62	57	76	67	61	57	66	61	57	65	60	57	64	60	56	55			55
9	74	64	58	54	73	63	58	54	62	57	53	62	57	53	61	56	53	52			52
10	70	60	55	51	69	60	54	50	59	54	50	58	54	50	58	53	50	49			49

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	214369
5°	208980
10°	194296
15°	173009
20°	147036
25°	118652
30°	90444
35°	64326
40°	42451
45°	25181
50°	14771
55°	9099
60°	8070
65°	7316
70°	6219
75°	5507
80°	5430
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 25181 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.2	11.2
10°-20°	211.3	26.8
20°-30°	223.8	28.4
30°-40°	151.2	19.2
40°-50°	66.3	8.4
50°-60°	23.7	3.0
60°-70°	13.9	1.8
70°-80°	7.3	0.9
80°-90°	2.4	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°	523.2	66.4
0°-40°	674.4	85.6
0°-60°	764.4	97.0
0°-90°	788.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	788.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	978	
5°	949	88
15°	762	211
25°	490	224
35°	240	151
45°	81	66
55°	24	24
65°	14	14
75°	6	7
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	977.6
2.5°	970.0
5°	949.4
7.5°	915.9
10°	872.6
12.5°	820.6
15°	762.1
17.5°	697.2
20°	630.1
22.5°	559.7
25°	490.4
27.5°	422.2
30°	357.2
32.5°	295.5
35°	240.3
37.5°	190.5
40°	148.3
42.5°	111.5
45°	81.2
47.5°	59.5
50°	43.3
52.5°	30.3
55°	23.8
57.5°	21.7
60°	18.4
62.5°	16.2
65°	14.1
67.5°	11.9
70°	9.7
72.5°	8.7
75°	6.5
77.5°	5.4
80°	4.3
82.5°	3.2
85°	2.2
87.5°	1.1
90°	0.0

(END OF REPORT)