

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: P1294753

Luminaire Tested: P3AS09R65W2N902750DE010 E3D1MW_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1294753
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-44)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R65W2N902750DE010 E3D1MW_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 2700K CCT AND, 90CRI ,
E3D1MW TRIM
Light Source: -
Ballast/Driver: -

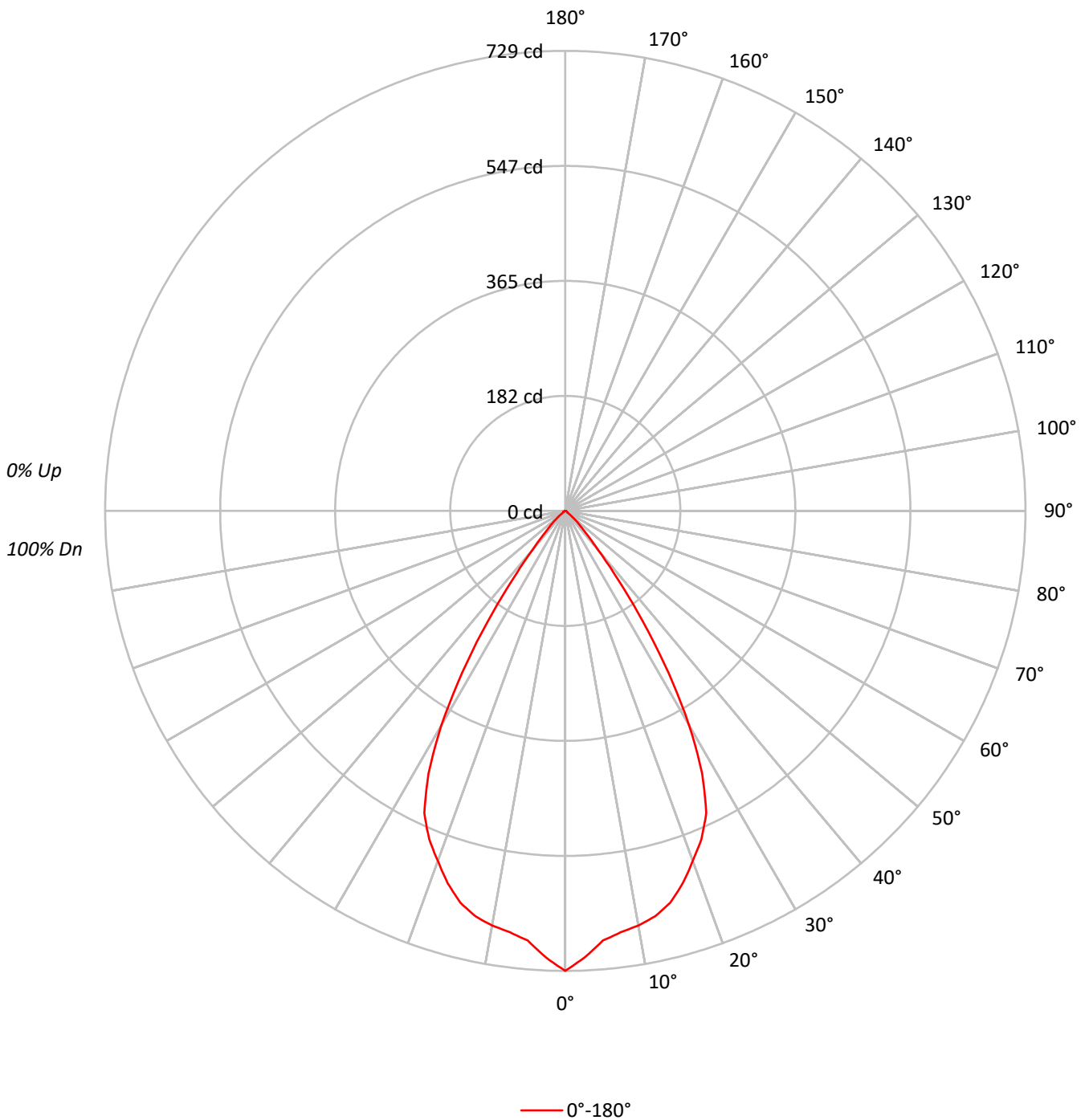
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 654.0 lumens
Efficiency: N/A
Efficacy: 72.7 lumens/watt
Spacing Criteria (0/90/45): 0.98 / 0.98 / 0.9
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 9
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				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	114	111	108	106	111	109	106	104	105	103	101	101	99	98	97	96	95	94				94
2	108	103	99	96	106	101	98	95	98	95	93	95	93	91	92	90	89	87				87
3	103	96	91	87	101	95	90	87	92	88	85	90	87	84	88	85	83	81				81
4	97	90	84	80	96	89	84	80	87	82	79	85	81	78	83	80	77	75				75
5	93	84	78	74	91	83	78	74	82	77	73	80	76	73	78	75	72	70				70
6	88	79	73	69	86	78	73	69	77	72	68	75	71	68	74	70	67	66				66
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62				62
8	80	70	64	60	78	69	64	60	68	63	60	67	63	59	66	62	59	58				58
9	76	66	60	56	75	66	60	56	65	60	56	64	59	56	63	59	56	54				54
10	72	63	57	53	71	62	57	53	61	56	53	60	56	53	60	55	52	51				51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	159834
5°	150429
10°	148517
15°	145881
20°	137749
25°	127846
30°	99382
35°	57474
40°	23158
45°	10668
50°	4162
55°	1606
60°	1403
65°	1349
70°	1346
75°	1356
80°	1389
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 10668 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.0	9.9
10°-20°	179.5	27.4
20°-30°	234.9	35.9
30°-40°	136.1	20.8
40°-50°	29.1	4.5
50°-60°	4.7	0.7
60°-70°	2.6	0.4
70°-80°	1.6	0.2
80°-90°	0.6	0.1
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°	479.3	73.3
0°-40°	615.4	94.1
0°-60°	649.3	99.3
0°-90°	654.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	654.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	729	
5°	683	65
15°	643	179
25°	528	235
35°	215	136
45°	34	29
55°	4	5
65°	3	3
75°	2	2
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	728.9
2.5°	708.2
5°	683.4
7.5°	673.3
10°	667.0
12.5°	658.0
15°	642.6
17.5°	618.8
20°	590.3
22.5°	563.3
25°	528.4
27.5°	469.7
30°	392.5
32.5°	304.1
35°	214.7
37.5°	135.9
40°	80.9
42.5°	50.8
45°	34.4
47.5°	22.2
50°	12.2
52.5°	5.8
55°	4.2
57.5°	3.7
60°	3.2
62.5°	3.2
65°	2.6
67.5°	2.1
70°	2.1
72.5°	1.6
75°	1.6
77.5°	1.1
80°	1.1
82.5°	0.5
85°	0.5
87.5°	0.5
90°	0.0

(END OF REPORT)