

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: P1302616

Luminaire Tested: P3AS17R65W2N902765DE010 E3DLP1WMH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1302616
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R65W2N902765DE010 E3DLP1WMH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 2700K CCT AND, 90CRI ,
E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

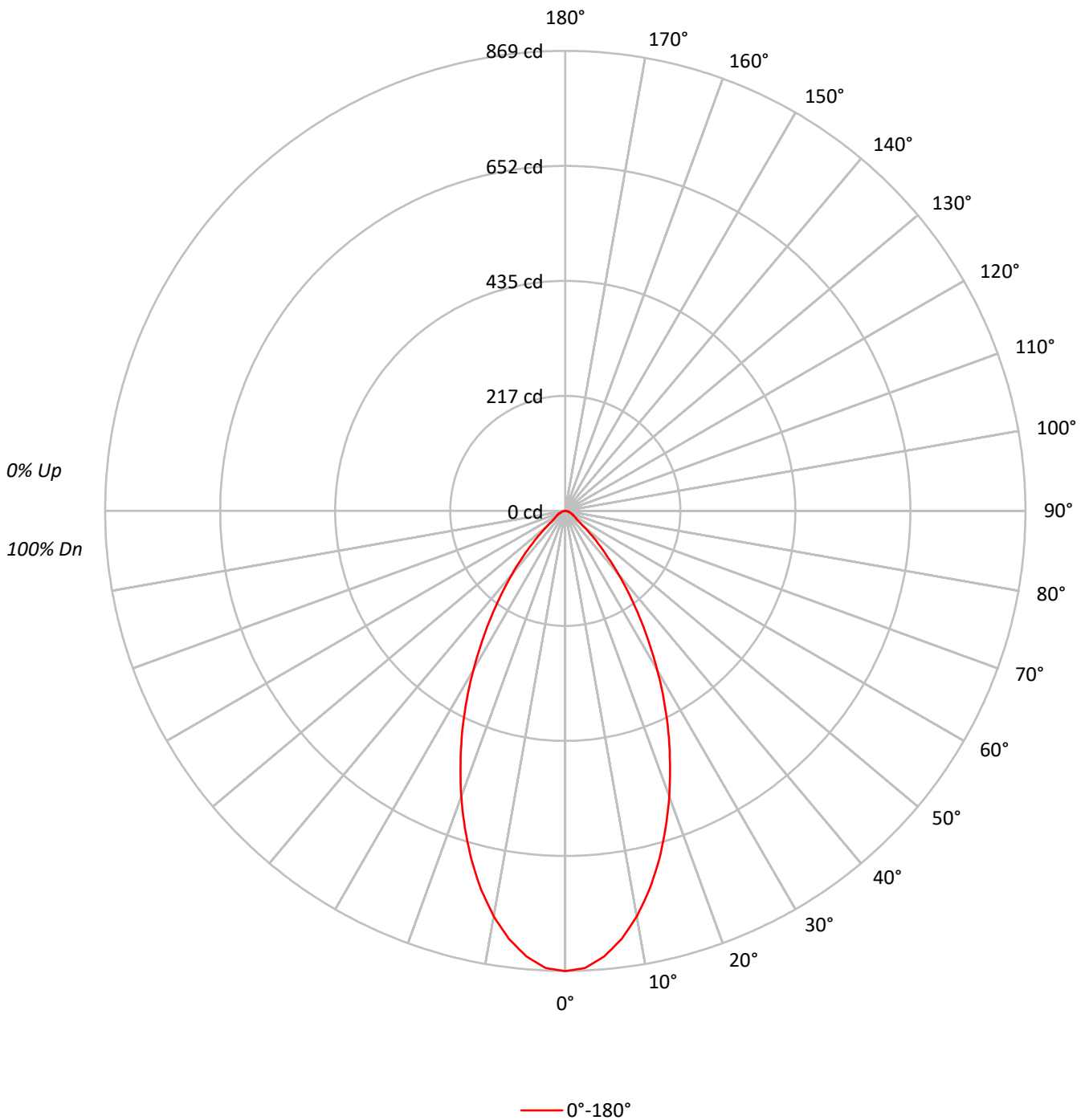
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 750.0 lumens
Efficiency: N/A
Efficacy: 38.7 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
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	96	95	94	92
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	90	88	86	85
3	101	94	88	84	99	92	87	83	90	85	82	87	84	81	85	82	79	78
4	95	87	81	76	93	86	80	76	84	79	75	82	78	74	80	76	73	72
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66
6	85	76	69	65	84	75	69	65	73	68	64	72	67	64	71	66	63	62
7	81	71	65	60	79	70	64	60	69	64	60	68	63	59	67	62	59	57
8	77	67	60	56	75	66	60	56	65	59	56	64	59	55	63	58	55	54
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	59	55	52	50
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	49	47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	190643
5°	185890
10°	173121
15°	155143
20°	133992
25°	111442
30°	87887
35°	65130
40°	44884
45°	27817
50°	15113
55°	9519
60°	8070
65°	7316
70°	6219
75°	5507
80°	5430
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 27817 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.5	10.5
10°-20°	189.9	25.3
20°-30°	210.0	28.0
30°-40°	152.5	20.3
40°-50°	71.5	9.5
50°-60°	24.1	3.2
60°-70°	13.9	1.9
70°-80°	7.3	1.0
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°	478.4	63.8
0°-40°	630.9	84.1
0°-60°	726.5	96.9
0°-90°	750.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	750.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	869	
5°	844	78
15°	683	190
25°	461	210
35°	243	153
45°	90	71
55°	25	24
65°	14	14
75°	6	7
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	869.4
2.5°	864.0
5°	844.5
7.5°	815.3
10°	777.5
12.5°	733.1
15°	683.4
17.5°	629.3
20°	574.2
22.5°	516.9
25°	460.6
27.5°	403.3
30°	347.1
32.5°	293.0
35°	243.3
37.5°	197.9
40°	156.8
42.5°	120.0
45°	89.7
47.5°	64.9
50°	44.3
52.5°	30.3
55°	24.9
57.5°	21.6
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)