

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: P1302588

Luminaire Tested: P3AS17R65W2N902765DE010 E3DLP1GPH_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1302588
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 E3DLP1GPH_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 3500K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

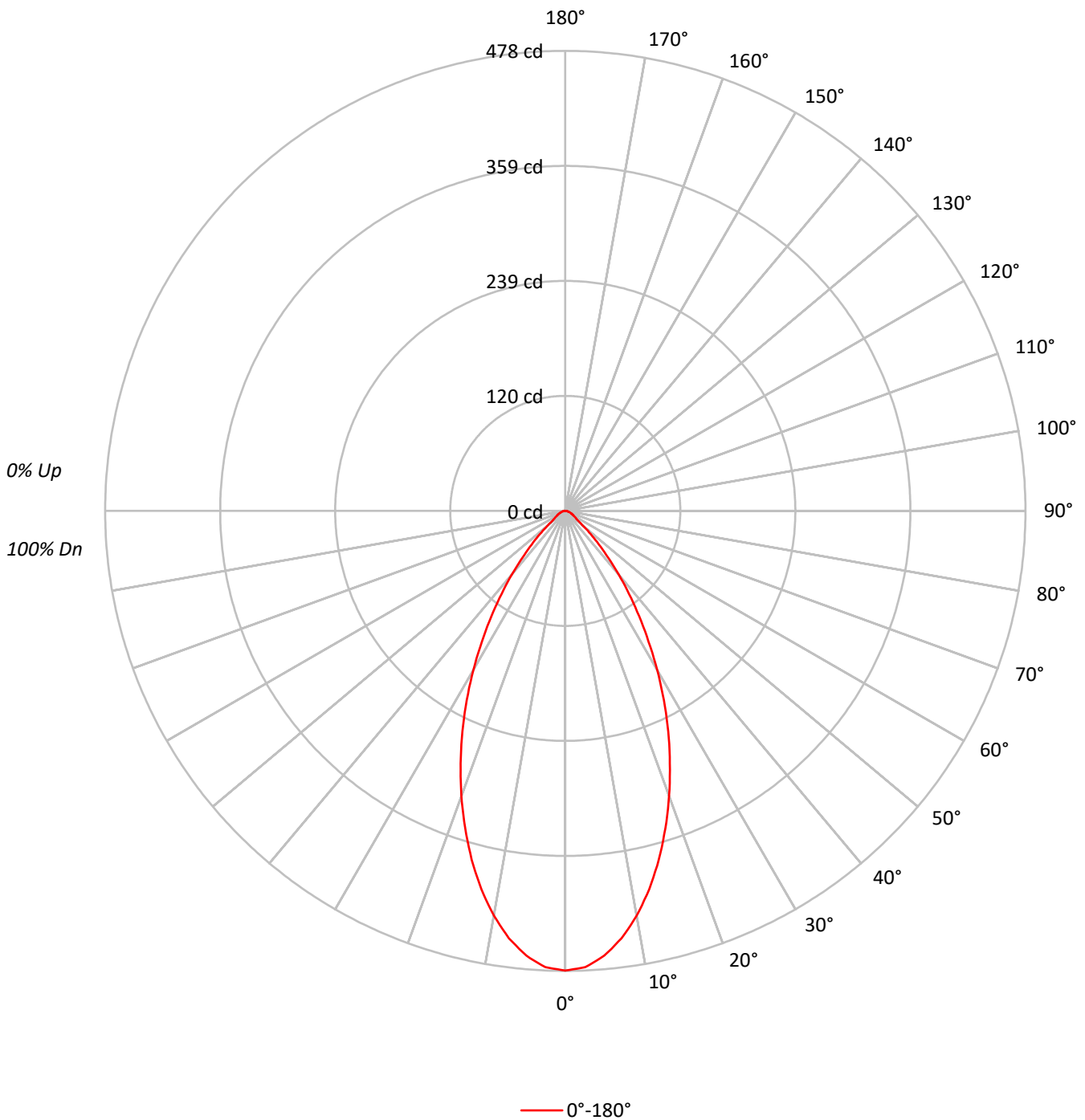
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 412.0 lumens
Efficiency: N/A
Efficacy: 21.2 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	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°	104728
5°	102113
10°	95100
15°	85222
20°	73600
25°	61213
30°	48286
35°	35790
40°	24646
45°	15288
50°	8324
55°	5238
60°	4429
65°	3995
70°	3398
75°	3050
80°	3031
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 15288 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.1	10.5
10°-20°	104.3	25.3
20°-30°	115.4	28.0
30°-40°	83.8	20.3
40°-50°	39.2	9.5
50°-60°	13.2	3.2
60°-70°	7.6	1.8
70°-80°	4.0	1.0
80°-90°	1.3	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°	262.8	63.8
0°-40°	346.6	84.1
0°-60°	399.1	96.9
0°-90°	412.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	412.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	478	
5°	464	43
15°	375	104
25°	253	115
35°	134	84
45°	49	39
55°	14	13
65°	8	8
75°	4	4
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	477.6
2.5°	474.6
5°	463.9
7.5°	447.9
10°	427.1
12.5°	402.7
15°	375.4
17.5°	345.7
20°	315.4
22.5°	283.9
25°	253.0
27.5°	221.6
30°	190.7
32.5°	161.0
35°	133.7
37.5°	108.7
40°	86.1
42.5°	65.9
45°	49.3
47.5°	35.6
50°	24.4
52.5°	16.6
55°	13.7
57.5°	11.9
60°	10.1
62.5°	8.9
65°	7.7
67.5°	6.5
70°	5.3
72.5°	4.8
75°	3.6
77.5°	3.0
80°	2.4
82.5°	1.8
85°	1.2
87.5°	0.6
90°	0.0

(END OF REPORT)