

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: P1302431

Luminaire Tested: P3AS17R65W2N902750DE010 E3DLP1LI_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1302431
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: P3AS17R65W2N902750DE010 E3DLP1LI_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 4000K CCT AND, 90CRI ,
E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

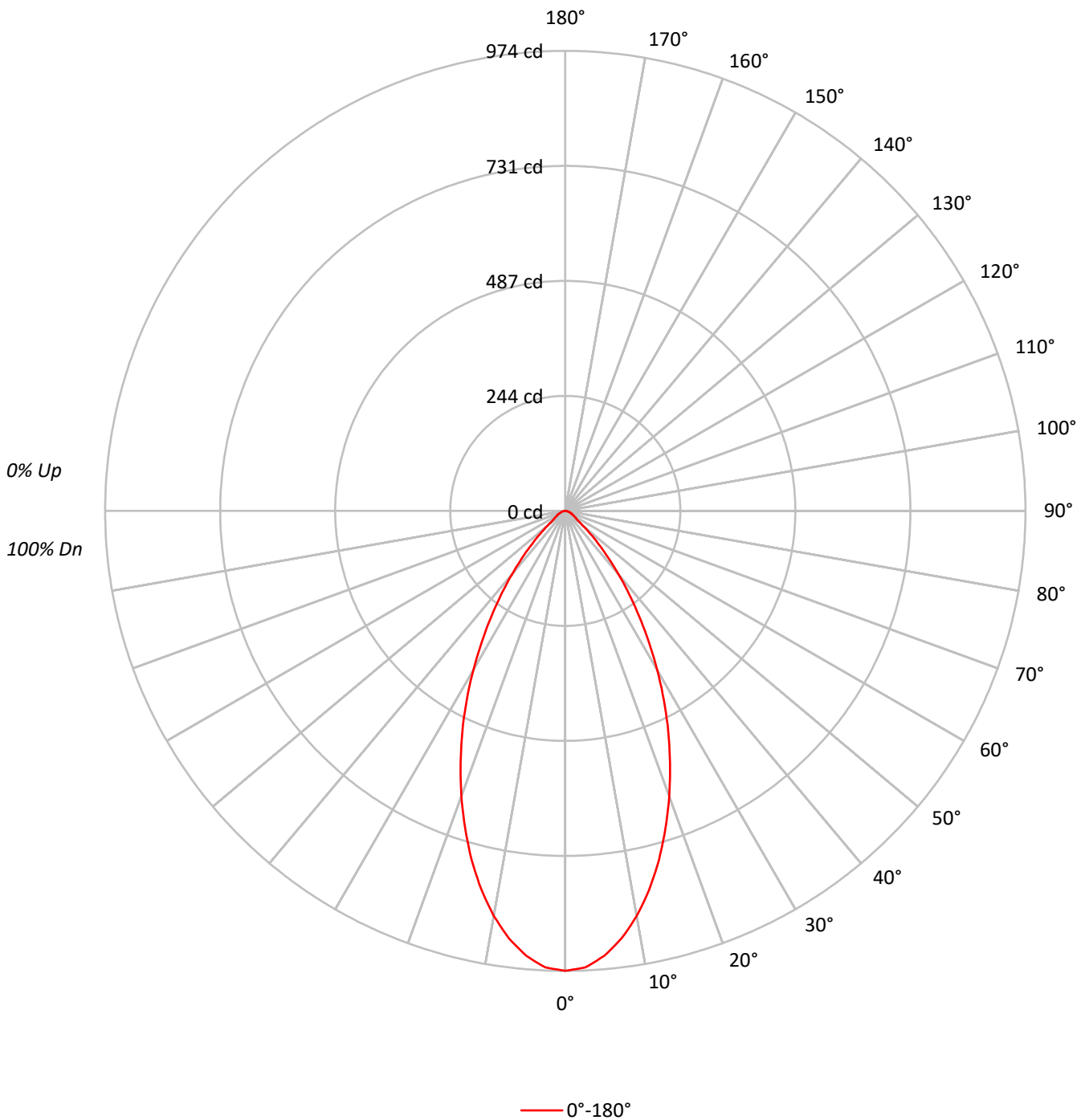
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 840.0 lumens
Efficiency: N/A
Efficacy: 43.3 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°	213514
5°	208188
10°	193895
15°	173758
20°	150070
25°	124822
30°	98446
35°	72946
40°	50266
45°	31166
50°	16955
55°	10666
60°	9034
65°	8146
70°	6988
75°	6185
80°	6061
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 31166 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.9	10.5
10°-20°	212.7	25.3
20°-30°	235.2	28.0
30°-40°	170.9	20.3
40°-50°	80.0	9.5
50°-60°	27.0	3.2
60°-70°	15.6	1.9
70°-80°	8.2	1.0
80°-90°	2.6	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°	535.8	63.8
0°-40°	706.7	84.1
0°-60°	813.7	96.9
0°-90°	840.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	840.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	974	
5°	946	88
15°	765	213
25°	516	235
35°	272	171
45°	100	80
55°	28	27
65°	16	16
75°	7	8
85°	2	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	973.7
2.5°	967.6
5°	945.8
7.5°	913.1
10°	870.8
12.5°	821.1
15°	765.4
17.5°	704.8
20°	643.1
22.5°	578.9
25°	515.9
27.5°	451.7
30°	388.8
32.5°	328.2
35°	272.5
37.5°	221.6
40°	175.6
42.5°	134.4
45°	100.5
47.5°	72.7
50°	49.7
52.5°	33.9
55°	27.9
57.5°	24.2
60°	20.6
62.5°	18.2
65°	15.7
67.5°	13.3
70°	10.9
72.5°	9.7
75°	7.3
77.5°	6.1
80°	4.8
82.5°	3.6
85°	2.4
87.5°	1.2
90°	0.0

(END OF REPORT)