

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: P1302838

Luminaire Tested: P3AS17R70W2N902765DE010 E3DL1WH\_3000K

Issue Date: 1/30/2026

**Test Information**

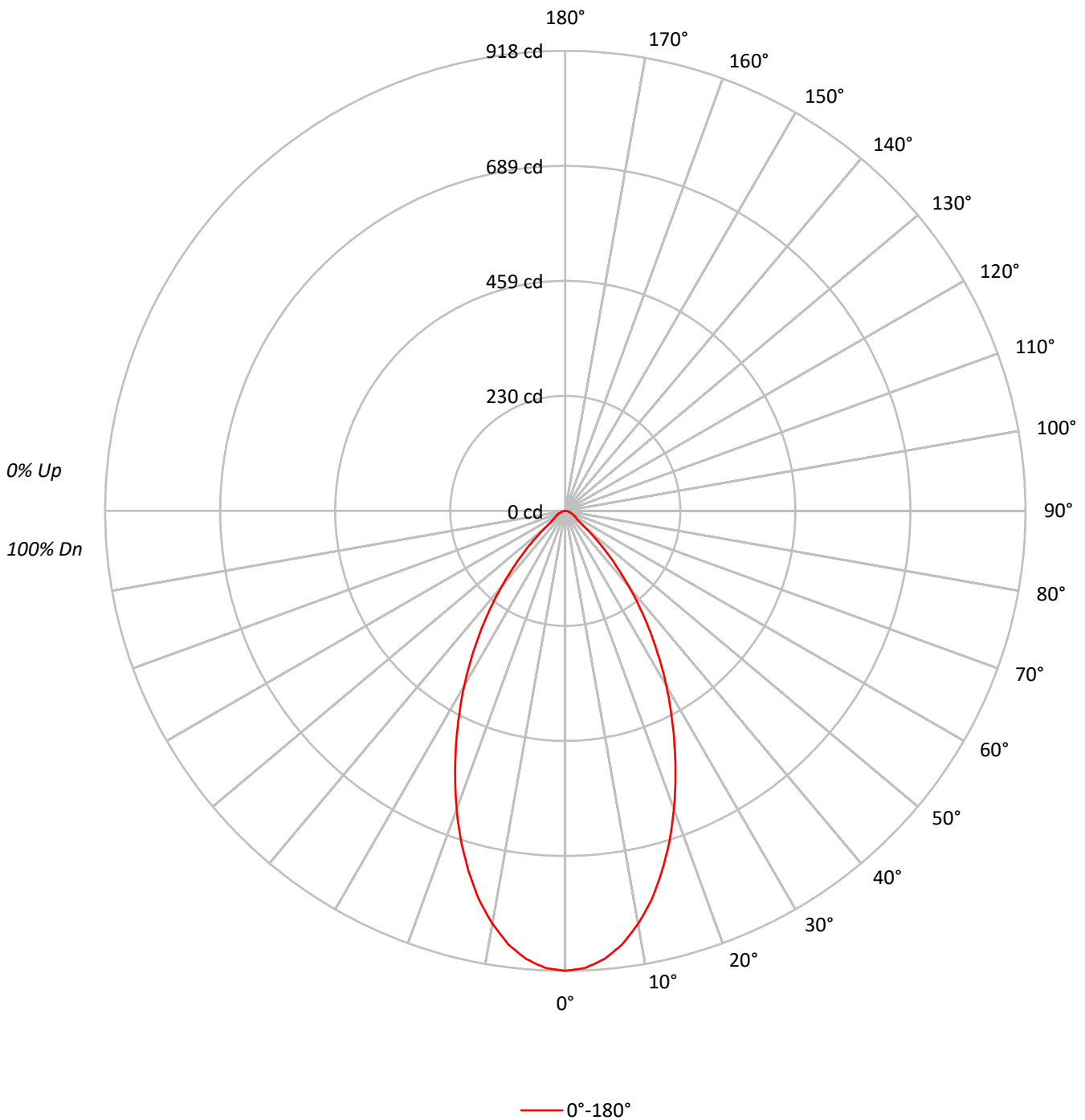
Test Method: LM-79-2019  
Report Number: P1302838  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R70W2N902765DE010 E3DL1WH\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R70 optic, 3000K CCT AND, 90CRI ,  
E3DL1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 858.0 lumens  
Efficiency: N/A  
Efficacy: 44.2 lumens/watt  
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87  
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

TEST NUMBER: P1302838  
CATALOG NUMBER: P3AS17R70W2N902765DE010 E3DL1WH\_3000K

### Luminous Intensity Polar Plot





TEST NUMBER: P1302838

CATALOG NUMBER: P3AS17R70W2N902765DE010 E3DL1WH\_3000K

**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	104	110	107	105	103	103	101	100	100	98	97	96	95	94	92			
2	106	101	97	93	104	99	95	92	96	93	90	93	90	88	90	88	86	84			
3	100	93	88	83	98	92	87	83	89	85	81	87	83	80	84	81	79	77			
4	95	86	80	76	93	85	80	75	83	78	74	81	77	73	79	76	73	71			
5	89	80	74	69	88	79	73	69	78	72	68	76	71	68	74	70	67	65			
6	85	75	68	64	83	74	68	64	73	67	63	71	66	63	70	65	62	61			
7	80	70	64	59	79	69	63	59	68	62	58	67	62	58	66	61	58	56			
8	76	66	59	55	75	65	59	55	64	58	54	63	58	54	62	57	54	52			
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49			
10	69	58	52	48	67	58	52	48	57	51	48	56	51	48	55	51	47	46			

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	201256
5°	197556
10°	186280
15°	169059
20°	147876
25°	124749
30°	102142
35°	79237
40°	56706
45°	35911
50°	17910
55°	10934
60°	9429
65°	8665
70°	7629
75°	7117
80°	6061
85°	6038

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 35911 cd/sqm



TEST NUMBER: P1302838

CATALOG NUMBER: P3AS17R70W2N902765DE010 E3DL1WH\_3000K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	83.7	9.8
10°-20°	207.2	24.2
20°-30°	236.0	27.5
30°-40°	184.6	21.5
40°-50°	90.7	10.6
50°-60°	27.9	3.2
60°-70°	16.5	1.9
70°-80°	8.8	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°	527.0	61.4
0°-40°	711.5	82.9
0°-60°	830.1	96.7
0°-90°	858.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	858.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	918	
5°	898	84
15°	745	207
25°	516	236
35°	296	185
45°	116	91
55°	29	28
65°	17	17
75°	8	9
85°	2	3
90°	0	



TEST NUMBER: P1302838  
CATALOG NUMBER: P3AS17R70W2N902765DE010 E3DL1WH\_3000K

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	917.8
2.5°	913.0
5°	897.5
7.5°	872.4
10°	836.6
12.5°	794.9
15°	744.7
17.5°	691.0
20°	633.7
22.5°	574.1
25°	515.6
27.5°	458.3
30°	403.4
32.5°	348.5
35°	296.0
37.5°	245.9
40°	198.1
42.5°	154.0
45°	115.8
47.5°	81.2
50°	52.5
52.5°	34.6
55°	28.6
57.5°	25.1
60°	21.5
62.5°	19.1
65°	16.7
67.5°	14.3
70°	11.9
72.5°	9.5
75°	8.4
77.5°	7.2
80°	4.8
82.5°	3.6
85°	2.4
87.5°	1.2
90°	0.0

(END OF REPORT)