

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: P1302816

Luminaire Tested: P3AS17R70W2N902765DE010 E3DL1GPH\_4000K

Issue Date: 1/30/2026

**Test Information**

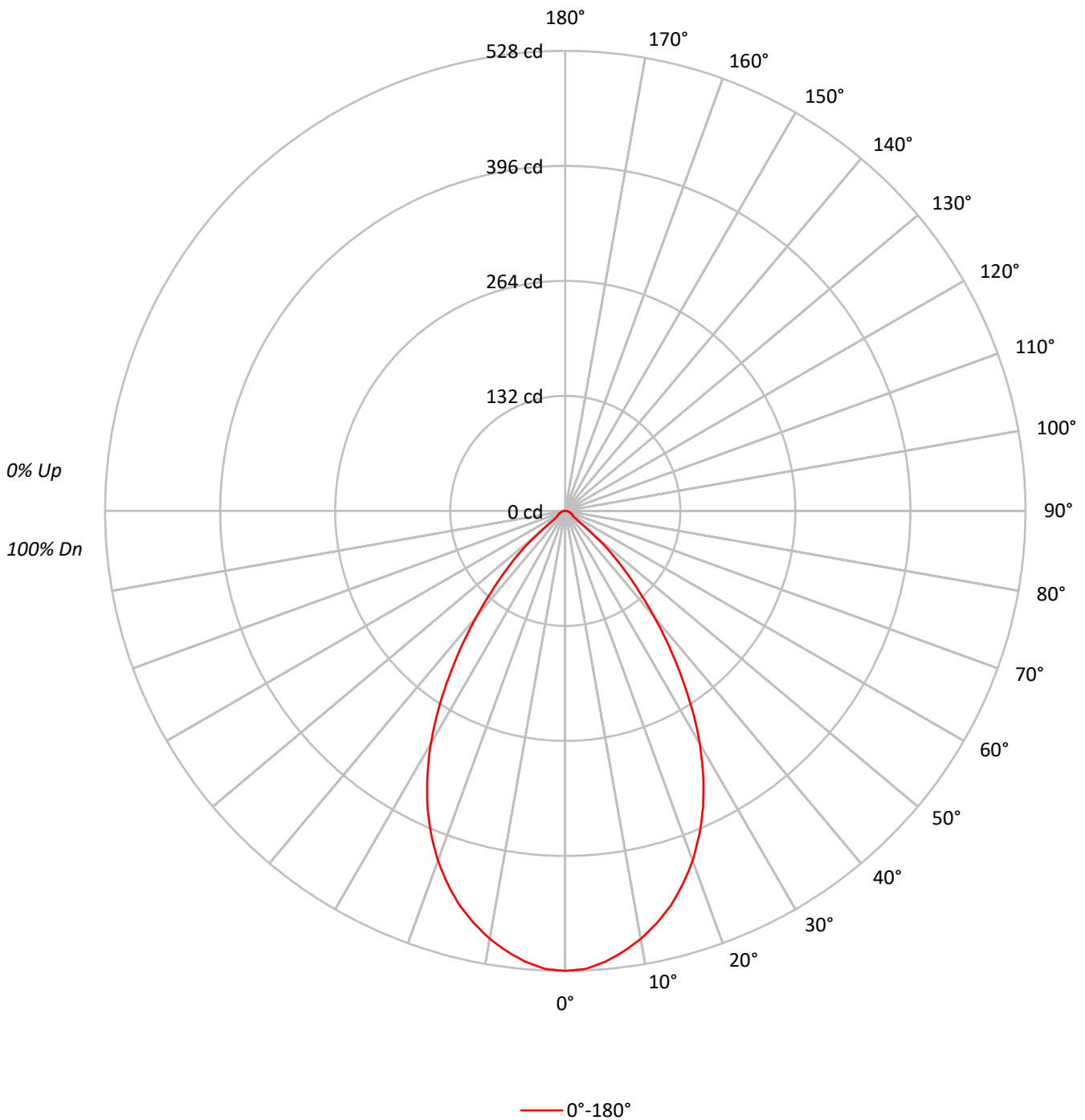
Test Method: LM-79-2019  
Report Number: P1302816  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R70W2N902765DE010 E3DL1GPH\_4000K  
Description: 3in Adjustable Tunable White LED luminaire with, R70 optic, 4000K CCT AND, 90CRI ,  
E3DL1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 598.0 lumens  
Efficiency: N/A  
Efficacy: 30.8 lumens/watt  
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98  
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: P1302816  
CATALOG NUMBER: P3AS17R70W2N902765DE010 E3DL1GPH\_4000K

### Luminous Intensity Polar Plot





TEST NUMBER: P1302816

CATALOG NUMBER: P3AS17R70W2N902765DE010 E3DL1GPH\_4000K

**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	100	100	100
1	113	110	107	104	110	107	105	103	103	101	100	100	98	97	96	95	94	92	92	92	92
2	106	101	96	93	104	99	95	92	96	92	90	93	90	88	90	88	86	84	84	84	84
3	100	93	88	83	98	92	87	82	89	85	81	86	83	80	84	81	79	77	77	77	77
4	94	86	80	75	93	85	79	75	83	78	74	81	76	73	79	75	72	70	70	70	70
5	89	80	73	69	87	79	73	68	77	72	68	75	71	67	74	70	66	65	65	65	65
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60	60	60	60
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55	55	55	55
8	75	65	58	53	74	64	58	53	63	57	53	62	57	53	61	56	53	51	51	51	51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48	48	48	48
10	67	57	50	46	66	56	50	46	55	50	46	55	49	46	54	49	46	44	44	44	44

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

	0°
0°	115758
5°	114373
10°	111065
15°	106380
20°	99642
25°	90513
30°	78189
35°	62319
40°	45399
45°	29833
50°	13987
55°	4320
60°	4166
65°	3995
70°	3783
75°	4067
80°	3788
85°	3019

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 29833 cd/sqm



TEST NUMBER: P1302816

CATALOG NUMBER: P3AS17R70W2N902765DE010 E3DL1GPH\_4000K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	48.9	8.2
10°-20°	131.1	21.9
20°-30°	170.4	28.5
30°-40°	144.6	24.2
40°-50°	74.6	12.5
50°-60°	14.4	2.4
60°-70°	7.8	1.3
70°-80°	4.8	0.8
80°-90°	1.4	0.2
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°	350.5	58.6
0°-40°	495.1	82.8
0°-60°	584.1	97.7
0°-90°	598.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	598.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	528	
5°	520	49
15°	469	131
25°	374	170
35°	233	145
45°	96	75
55°	11	14
65°	8	8
75°	5	5
85°	1	1
90°	0	



TEST NUMBER: P1302816  
CATALOG NUMBER: P3AS17R70W2N902765DE010 E3DL1GPH\_4000K

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	527.9
2.5°	526.2
5°	519.6
7.5°	510.1
10°	498.8
12.5°	484.6
15°	468.6
17.5°	449.0
20°	427.0
22.5°	402.0
25°	374.1
27.5°	342.7
30°	308.8
32.5°	271.4
35°	232.8
37.5°	194.8
40°	158.6
42.5°	124.7
45°	96.2
47.5°	70.7
50°	41.0
52.5°	17.8
55°	11.3
57.5°	10.7
60°	9.5
62.5°	8.9
65°	7.7
67.5°	7.1
70°	5.9
72.5°	5.3
75°	4.8
77.5°	3.6
80°	3.0
82.5°	1.8
85°	1.2
87.5°	0.6
90°	0.0

(END OF REPORT)