

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: P1300704

Luminaire Tested: P3A17R35W2N902765DE010 E3DLP1H\_2700K

Issue Date: 1/30/2026

**Test Information**

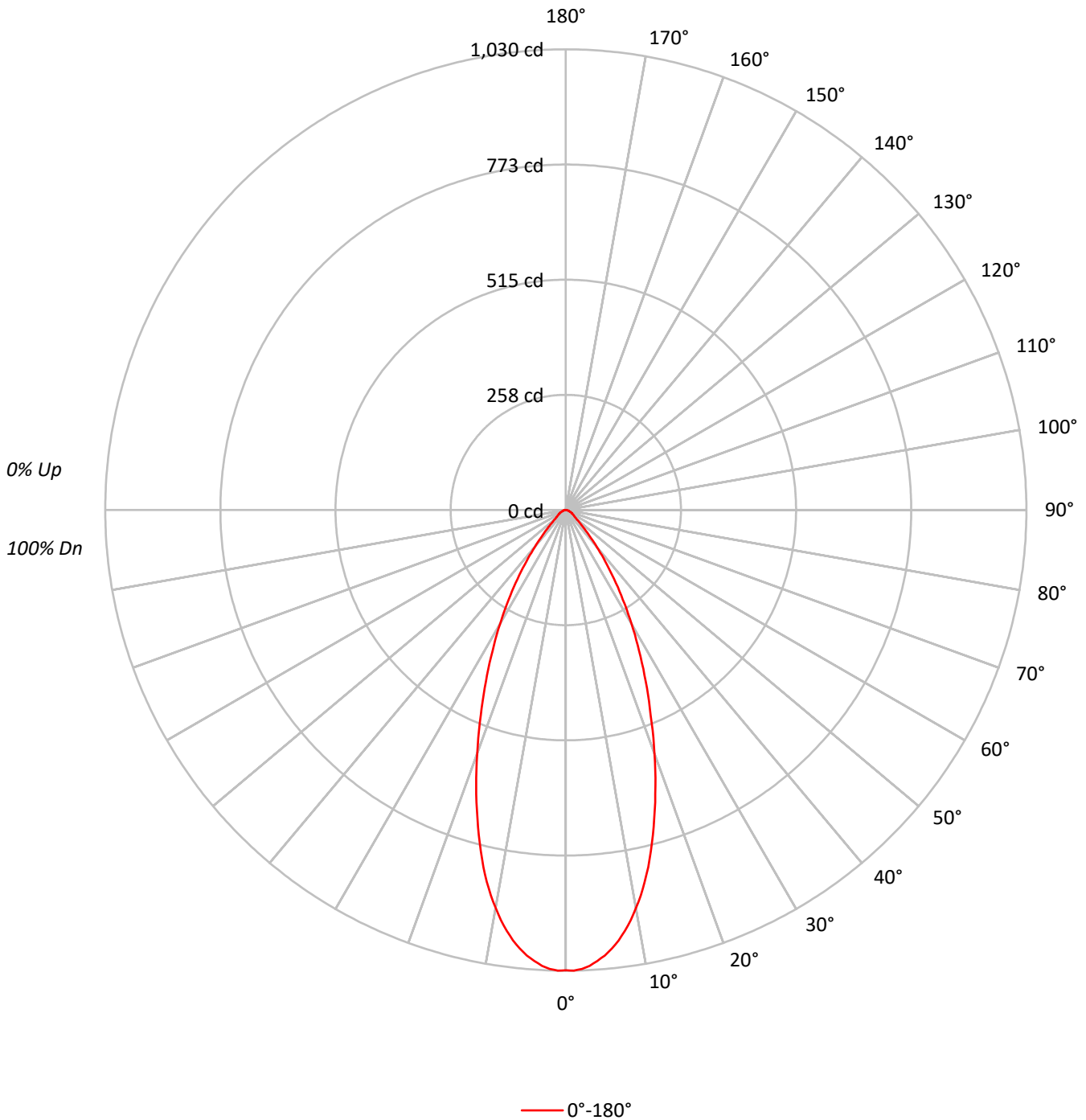
Test Method: LM-79-2019  
Report Number: P1300704  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A17R35W2N902765DE010 E3DLP1H\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI ,  
E3DLP1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 702.0 lumens  
Efficiency: N/A  
Efficacy: 36.2 lumens/watt  
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72  
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				
RC	80					70								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	108	105		111	108	106	104		104	102	100		100	99	97		97	96	95	93	
2	107	102	98	94		105	100	97	93		97	94	91		94	92	89		91	89	87	86	
3	102	95	90	86		100	94	89	85		91	87	84		89	85	82		86	84	81	80	
4	97	89	83	79		95	88	82	78		86	81	77		84	80	77		82	78	76	74	
5	92	83	77	73		90	82	77	73		81	76	72		79	75	71		77	74	71	69	
6	87	78	72	68		86	77	72	68		76	71	67		75	70	67		73	69	66	65	
7	83	74	68	63		82	73	67	63		72	67	63		71	66	63		69	65	62	61	
8	79	70	64	60		78	69	63	59		68	63	59		67	62	59		66	62	59	57	
9	76	66	60	56		75	66	60	56		65	59	56		64	59	56		63	59	56	54	
10	72	63	57	53		71	62	57	53		61	56	53		61	56	53		60	56	53	51	

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

	0°
0°	225640
5°	220074
10°	201199
15°	170784
20°	135205
25°	102248
30°	74442
35°	50353
40°	30944
45°	17769
50°	10678
55°	8678
60°	7587
65°	6745
70°	5514
75°	5507
80°	5430
85°	5535

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 17769 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	92.4	13.2
10°-20°	207.4	29.5
20°-30°	194.0	27.6
30°-40°	118.8	16.9
40°-50°	46.8	6.7
50°-60°	20.6	2.9
60°-70°	12.8	1.8
70°-80°	6.8	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°	493.8	70.3
0°-40°	612.6	87.3
0°-60°	680.0	96.9
0°-90°	702.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	702.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1029	
5°	1000	92
15°	752	207
25°	423	194
35°	188	119
45°	57	47
55°	23	21
65°	13	13
75°	6	7
85°	2	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1029.0
1°	1030.1
2°	1026.8
3°	1020.4
4°	1010.6
5°	999.8
6°	985.8
7°	969.6
8°	950.1
9°	928.5
10°	903.6
11°	877.7
12°	849.6
13°	819.3
14°	785.8
15°	752.3
17.5°	665.8
20°	579.4
22.5°	496.1
25°	422.6
27.5°	354.5
30°	294.0
32.5°	237.8
35°	188.1
37.5°	143.8
40°	108.1
42.5°	77.8
45°	57.3
47.5°	41.1
50°	31.3
52.5°	25.9
55°	22.7
57.5°	19.5
60°	17.3
62.5°	15.1
65°	13.0
67.5°	10.8
70°	8.6
72.5°	7.6
75°	6.5
77.5°	5.4
80°	4.3
82.5°	3.2
85°	2.2
87.5°	1.1



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)