

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: P1289114

Luminaire Tested: P3A05R35W2N902750DE010 E3DL1WH\_2700K

Issue Date: 1/30/2026

**Test Information**

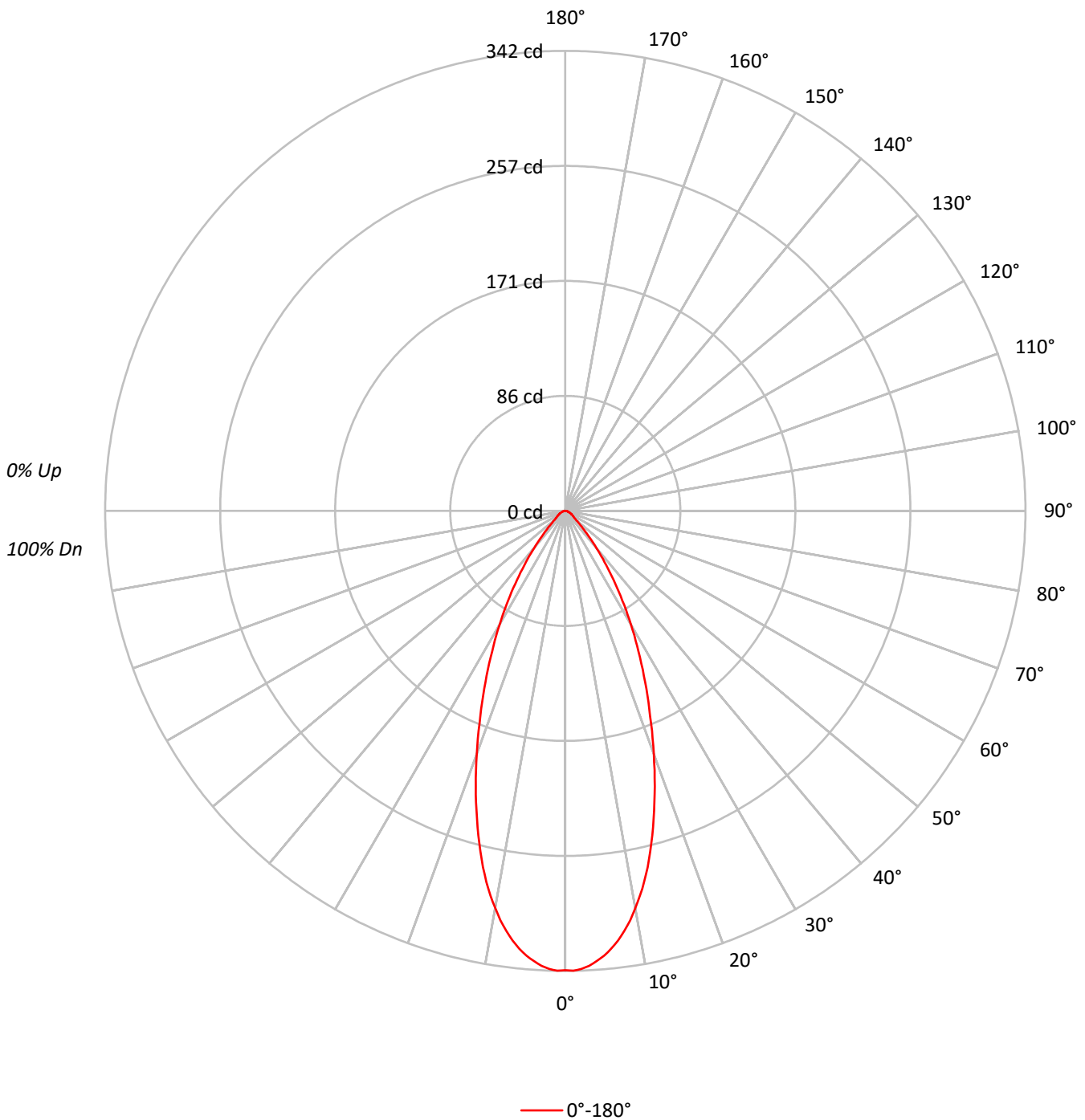
Test Method: LM-79-2019  
Report Number: P1289114  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A05R35W2N902750DE010 E3DL1WH\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI ,  
E3DL1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 233.0 lumens  
Efficiency: N/A  
Efficacy: 39.5 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): 5.9  
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	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°	74884
5°	73057
10°	66777
15°	56686
20°	44874
25°	33946
30°	24713
35°	16704
40°	10276
45°	5892
50°	3548
55°	2867
60°	2500
65°	2231
70°	1859
75°	1864
80°	1768
85°	1761

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 5892 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	30.7	13.2
10°-20°	68.8	29.5
20°-30°	64.4	27.6
30°-40°	39.4	16.9
40°-50°	15.5	6.7
50°-60°	6.8	2.9
60°-70°	4.3	1.8
70°-80°	2.3	1.0
80°-90°	0.8	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°	163.9	70.3
0°-40°	203.3	87.3
0°-60°	225.7	96.9
0°-90°	233.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	233.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	342	
5°	332	31
15°	250	69
25°	140	64
35°	62	39
45°	19	16
55°	8	7
65°	4	4
75°	2	2
85°	1	1
90°	0	



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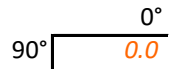
**CANDELA DISTRIBUTION (FULL):**

0°	
0°	341.5
1°	341.9
2°	340.8
3°	338.7
4°	335.4
5°	331.9
6°	327.2
7°	321.8
8°	315.3
9°	308.2
10°	299.9
11°	291.3
12°	282.0
13°	271.9
14°	260.8
15°	249.7
17.5°	221.0
20°	192.3
22.5°	164.7
25°	140.3
27.5°	117.7
30°	97.6
32.5°	78.9
35°	62.4
37.5°	47.7
40°	35.9
42.5°	25.8
45°	19.0
47.5°	13.6
50°	10.4
52.5°	8.6
55°	7.5
57.5°	6.5
60°	5.7
62.5°	5.0
65°	4.3
67.5°	3.6
70°	2.9
72.5°	2.5
75°	2.2
77.5°	1.8
80°	1.4
82.5°	1.1
85°	0.7
87.5°	0.4



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)