

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: P1296685

Luminaire Tested: P3A13R35W2N902750DE010 E3DL1GPH\_3000K

Issue Date: 1/30/2026

**Test Information**

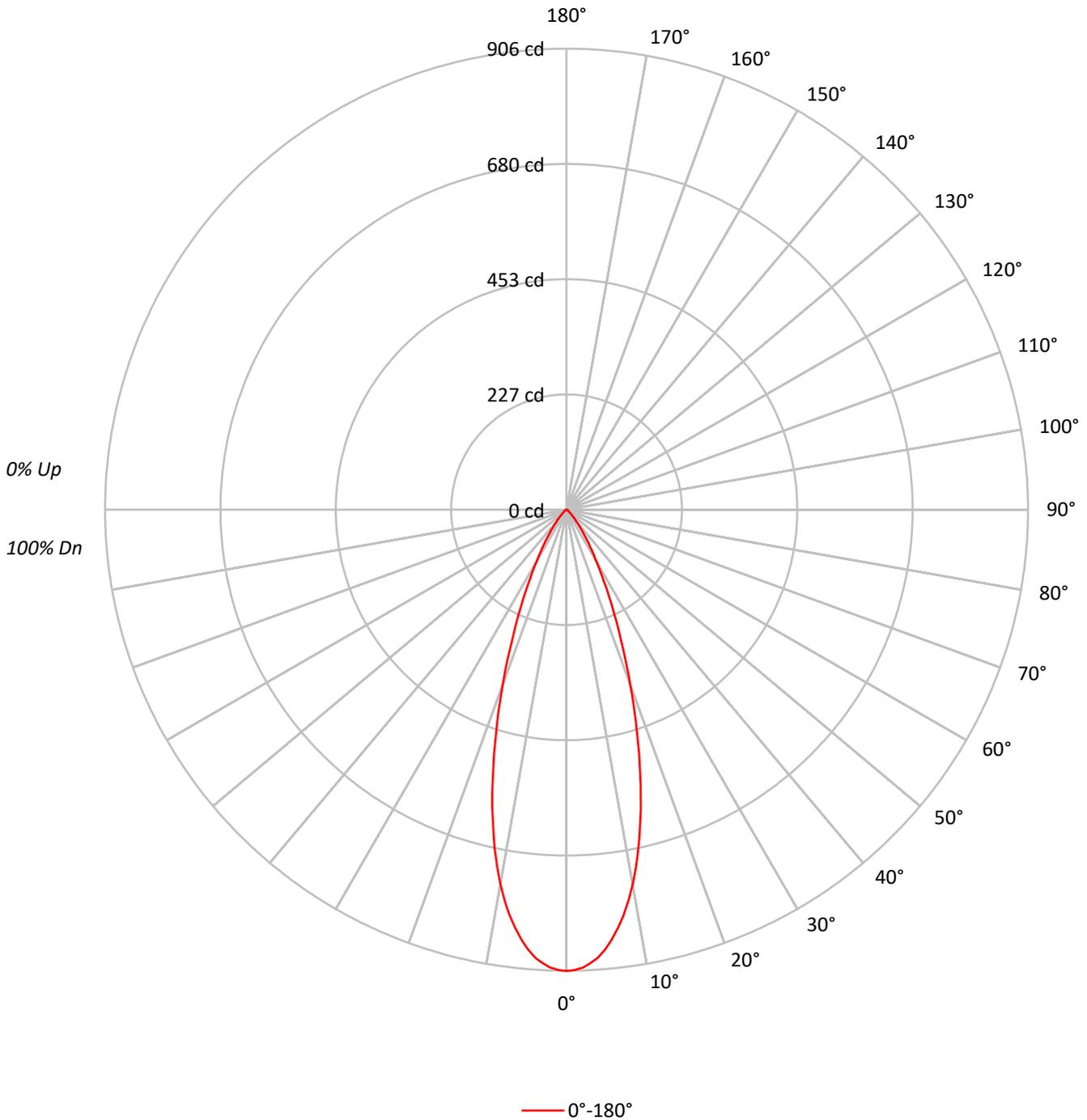
Test Method: LM-79-2019  
Report Number: P1296685  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A13R35W2N902750DE010 E3DL1GPH\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,  
E3DL1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 393.9 lumens  
Efficiency: N/A  
Efficacy: 32.0 lumens/watt  
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 12.3  
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	100	100	100
1	114	112	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	95	95	95	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	90	90	90	90
3	105	99	95	91	103	98	94	90	95	92	89	93	90	88	91	88	86	85	85	85	85
4	100	94	89	85	99	93	88	85	91	87	84	89	85	83	87	84	82	80	80	80	80
5	96	89	84	80	95	88	83	80	86	82	79	85	81	78	83	80	78	77	77	77	77
6	92	85	80	76	91	84	79	76	83	78	75	81	77	75	80	77	74	73	73	73	73
7	89	81	76	72	88	80	75	72	79	75	72	78	74	71	77	73	71	70	70	70	70
8	85	77	72	69	84	77	72	69	76	71	68	75	71	68	74	70	68	67	67	67	67
9	82	74	69	66	81	74	69	65	73	68	65	72	68	65	71	68	65	64	64	64	64
10	79	71	66	63	78	71	66	63	70	66	63	69	65	62	69	65	62	61	61	61	61

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

	0°
0°	198712
5°	190975
10°	166396
15°	127447
20°	85267
25°	51608
30°	29599
35°	16543
40°	8788
45°	4528
50°	2183
55°	1720
60°	1623
65°	1349
70°	1410
75°	1271
80°	1389
85°	1006

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 4528 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	78.9	20.0
10°-20°	153.0	38.8
20°-30°	100.2	25.4
30°-40°	40.6	10.3
40°-50°	12.2	3.1
50°-60°	4.1	1.1
60°-70°	2.8	0.7
70°-80°	1.6	0.4
80°-90°	0.6	0.1
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°	332.1	84.3
0°-40°	372.7	94.6
0°-60°	389.0	98.7
0°-90°	393.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	393.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	906	
5°	868	79
15°	561	153
25°	213	100
35°	62	41
45°	15	12
55°	4	4
65°	3	3
75°	2	2
85°	0	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	906.2
1°	904.7
2°	900.6
3°	892.4
4°	882.6
5°	867.6
6°	848.9
7°	827.9
8°	804.3
9°	777.3
10°	747.3
11°	714.0
12°	679.1
13°	640.1
14°	603.0
15°	561.4
17.5°	460.6
20°	365.4
22.5°	281.1
25°	213.3
27.5°	158.9
30°	116.9
32.5°	85.8
35°	61.8
37.5°	43.8
40°	30.7
42.5°	21.4
45°	14.6
47.5°	9.7
50°	6.4
52.5°	4.9
55°	4.5
57.5°	4.1
60°	3.7
62.5°	3.4
65°	2.6
67.5°	2.2
70°	2.2
72.5°	1.9
75°	1.5
77.5°	1.1
80°	1.1
82.5°	0.7
85°	0.4
87.5°	0.4



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)