

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: P1297014

Luminaire Tested: P3AS13R40W2N902750DE010 E3DL1GPH\_3500K

Issue Date: 1/30/2026

**Test Information**

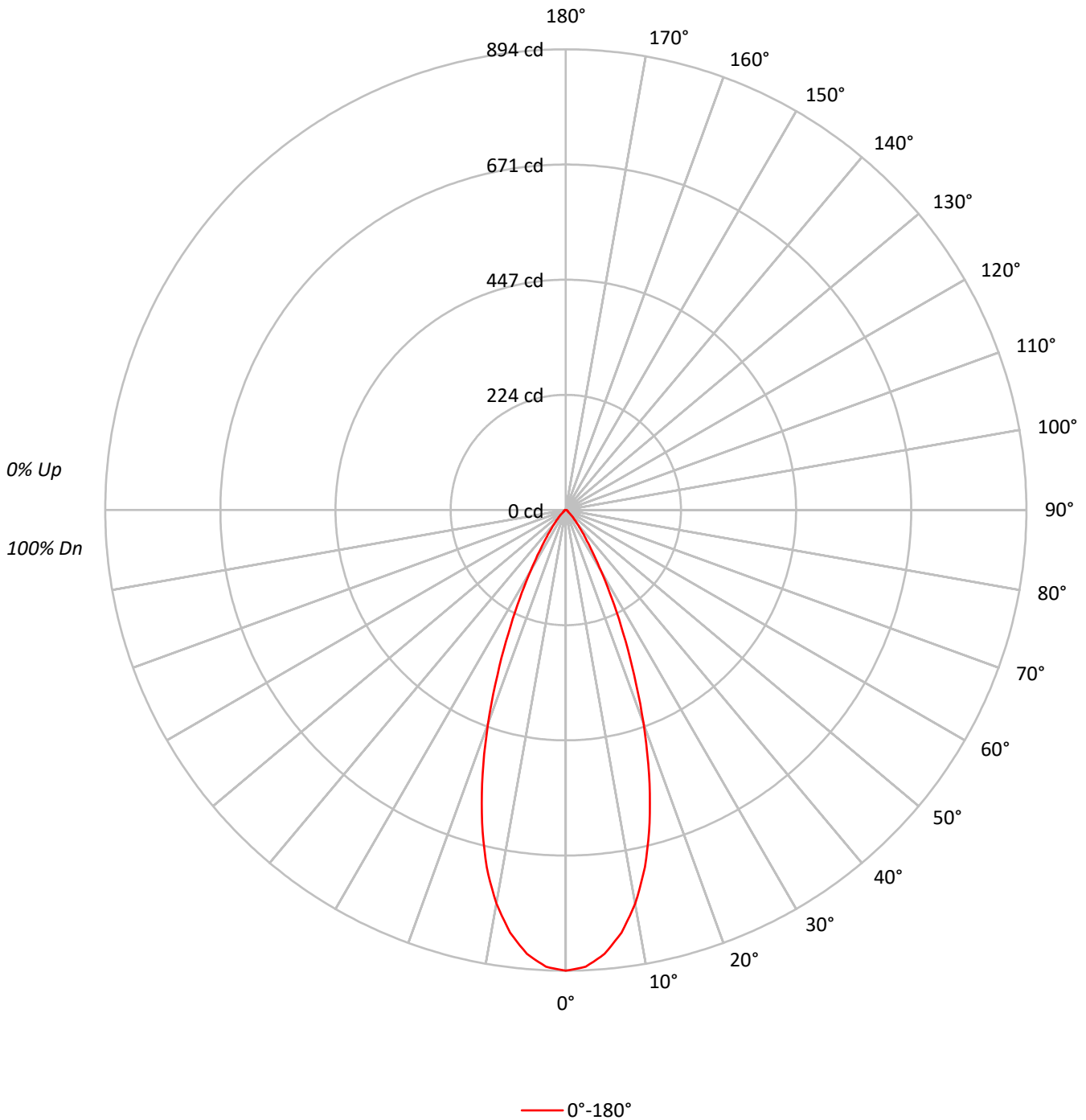
Test Method: LM-79-2019  
Report Number: P1297014  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R40W2N902750DE010 E3DL1GPH\_3500K  
Description: 3in Adjustable Tunable White LED luminaire with, R40 optic, 3500K CCT AND, 90CRI ,  
E3DL1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 443.0 lumens  
Efficiency: N/A  
Efficacy: 36.0 lumens/watt  
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63  
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

TEST NUMBER: P1297014  
CATALOG NUMBER: P3AS13R40W2N902750DE010 E3DL1GPH\_3500K

### Luminous Intensity Polar Plot





TEST NUMBER: P1297014

CATALOG NUMBER: P3AS13R40W2N902750DE010 E3DL1GPH\_3500K

**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	102	102	102	100
1	114	111	109	107	112	109	107	105	105	104	102	102	100	99	98	97	96	96	96	96	94
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	91	91	91	89
3	104	99	94	91	102	97	93	90	95	91	88	92	89	87	90	88	86	86	86	86	84
4	100	93	88	85	98	92	88	84	90	86	83	88	85	82	86	84	81	81	81	81	80
5	96	88	83	79	94	88	83	79	86	82	78	84	81	78	83	80	77	77	77	77	76
6	92	84	79	75	91	83	78	75	82	78	74	81	77	74	79	76	73	73	73	73	72
7	88	80	75	71	87	79	74	71	78	74	71	77	73	70	76	73	70	70	70	70	69
8	85	76	71	68	84	76	71	67	75	70	67	74	70	67	73	69	67	67	67	67	65
9	82	73	68	64	81	73	68	64	72	67	64	71	67	64	70	66	64	64	64	64	63
10	78	70	65	62	78	70	65	61	69	64	61	68	64	61	67	64	61	61	61	61	60

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

	0°
0°	196015
5°	190336
10°	172720
15°	142680
20°	102932
25°	63657
30°	34461
35°	17802
40°	9675
45°	5427
50°	2729
55°	2026
60°	1842
65°	1764
70°	1731
75°	1610
80°	1389
85°	1006

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 5427 cd/sqm



TEST NUMBER: P1297014

CATALOG NUMBER: P3AS13R40W2N902750DE010 E3DL1GPH\_3500K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	79.7	18.0
10°-20°	171.2	38.6
20°-30°	122.1	27.6
30°-40°	44.9	10.1
40°-50°	14.2	3.2
50°-60°	4.9	1.1
60°-70°	3.4	0.8
70°-80°	2.0	0.5
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°	373.0	84.2
0°-40°	417.9	94.3
0°-60°	437.0	98.7
0°-90°	443.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	443.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	894	
5°	865	80
15°	628	171
25°	263	122
35°	66	45
45°	18	14
55°	5	5
65°	3	3
75°	2	2
85°	0	1
90°	0	



TEST NUMBER: P1297014  
CATALOG NUMBER: P3AS13R40W2N902750DE010 E3DL1GPH\_3500K

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	893.9
2.5°	887.1
5°	864.7
7.5°	827.4
10°	775.7
12.5°	709.9
15°	628.5
17.5°	537.3
20°	441.1
22.5°	346.4
25°	263.1
27.5°	193.2
30°	136.1
32.5°	95.4
35°	66.5
37.5°	47.1
40°	33.8
42.5°	24.3
45°	17.5
47.5°	11.8
50°	8.0
52.5°	5.7
55°	5.3
57.5°	4.9
60°	4.2
62.5°	3.8
65°	3.4
67.5°	3.0
70°	2.7
72.5°	2.3
75°	1.9
77.5°	1.5
80°	1.1
82.5°	0.8
85°	0.4
87.5°	0.4
90°	0.0

(END OF REPORT)