

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: P1297241

Luminaire Tested: P3AS13R40W2N902765DE010 E3DLP1GPH\_3000K

Issue Date: 1/30/2026

**Test Information**

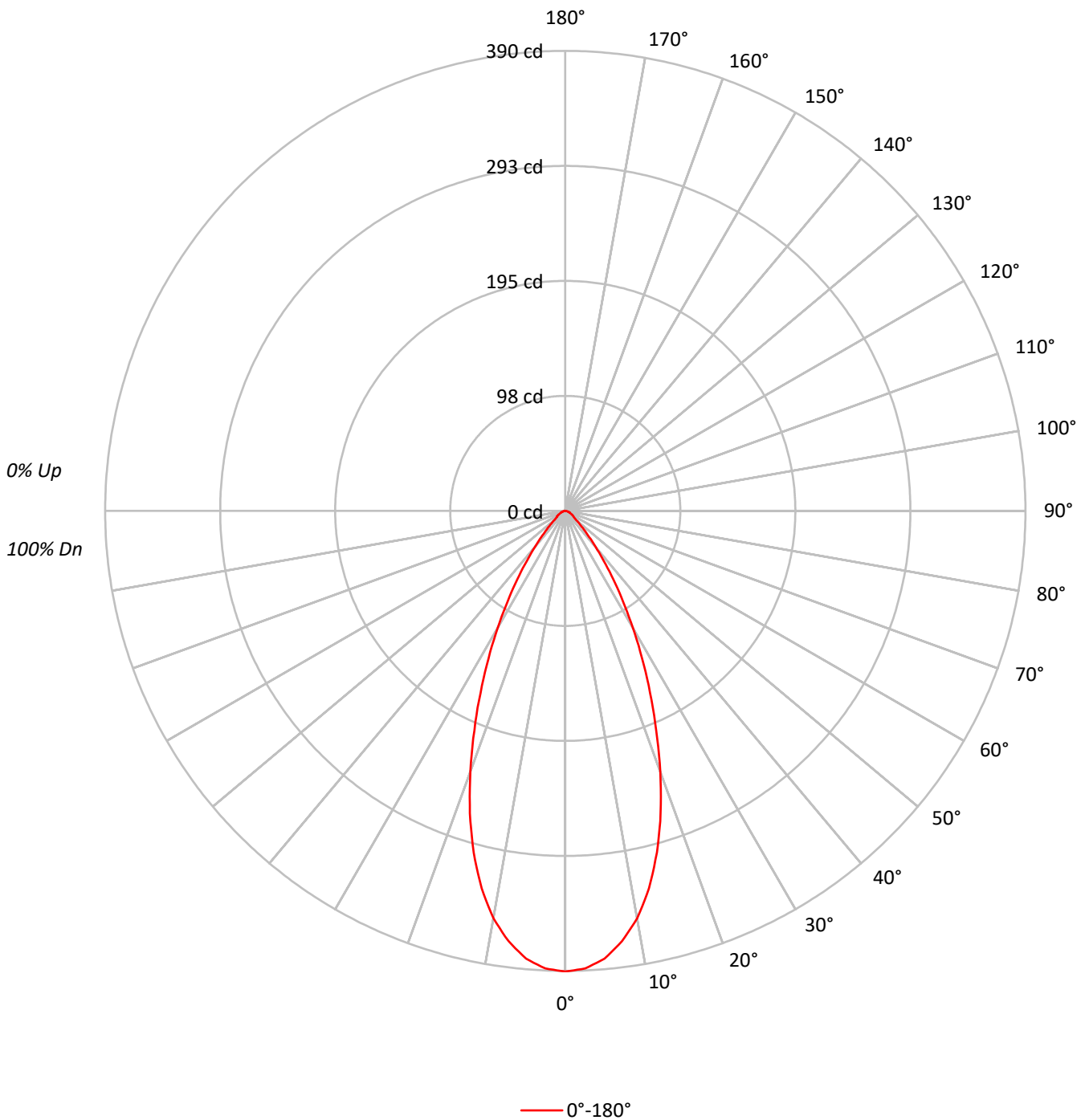
Test Method: LM-79-2019  
Report Number: P1297241  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R40W2N902765DE010 E3DLP1GPH\_3000K  
Description: 3in Adjustable Tunable White LED luminaire with, R40 optic, 3000K CCT AND, 90CRI ,  
E3DLP1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 275.0 lumens  
Efficiency: N/A  
Efficacy: 22.4 lumens/watt  
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74  
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: P1297241  
CATALOG NUMBER: P3AS13R40W2N902765DE010 E3DLP1GPH\_3000K

### Luminous Intensity Polar Plot





TEST NUMBER: P1297241  
 CATALOG NUMBER: P3AS13R40W2N902765DE010 E3DLP1GPH\_3000K

**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	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93	93	93	93
2	107	102	98	95	105	101	97	94	97	94	91	94	92	89	92	89	88	86	86	86	86
3	102	95	90	86	100	94	89	85	91	87	84	89	85	83	86	84	81	80	80	80	80
4	97	89	83	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74	74	74	74
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	69	69	69	69
6	87	78	72	68	86	78	72	68	76	71	67	75	70	67	73	69	66	65	65	65	65
7	83	74	68	64	82	73	68	64	72	67	63	71	66	63	70	66	62	61	61	61	61
8	79	70	64	60	78	69	64	60	68	63	59	67	63	59	66	62	59	58	58	58	58
9	76	66	60	56	75	66	60	56	65	60	56	64	59	56	63	59	56	54	54	54	54
10	72	63	57	53	71	62	57	53	62	57	53	61	56	53	60	56	53	51	51	51	51

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

	0°
0°	85629
5°	83887
10°	78110
15°	68082
20°	54861
25°	41131
30°	28916
35°	18953
40°	11479
45°	6853
50°	4094
55°	3288
60°	2938
65°	2542
70°	2372
75°	1864
80°	1894
85°	1761

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 6853 cd/sqm



TEST NUMBER: P1297241

CATALOG NUMBER: P3AS13R40W2N902765DE010 E3DLP1GPH\_3000K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	35.4	12.9
10°-20°	82.6	30.0
20°-30°	77.8	28.3
30°-40°	45.0	16.4
40°-50°	18.0	6.5
50°-60°	7.9	2.9
60°-70°	4.9	1.8
70°-80°	2.6	0.9
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°	195.8	71.2
0°-40°	240.8	87.6
0°-60°	266.7	97.0
0°-90°	275.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	275.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	390	
5°	381	35
15°	300	83
25°	170	78
35°	71	45
45°	22	18
55°	9	8
65°	5	5
75°	2	3
85°	1	1
90°	0	



TEST NUMBER: P1297241  
CATALOG NUMBER: P3AS13R40W2N902765DE010 E3DLP1GPH\_3000K

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	390.5
2.5°	388.3
5°	381.1
7.5°	368.0
10°	350.8
12.5°	327.6
15°	299.9
17.5°	268.8
20°	235.1
22.5°	201.4
25°	170.0
27.5°	140.8
30°	114.2
32.5°	91.0
35°	70.8
37.5°	53.5
40°	40.1
42.5°	30.0
45°	22.1
47.5°	16.1
50°	12.0
52.5°	9.7
55°	8.6
57.5°	7.9
60°	6.7
62.5°	5.6
65°	4.9
67.5°	4.1
70°	3.7
72.5°	3.0
75°	2.2
77.5°	1.9
80°	1.5
82.5°	1.1
85°	0.7
87.5°	0.4
90°	0.0

(END OF REPORT)