

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: P1298244

Luminaire Tested: P3A13R60W2N902750DE010 E3DL1GPH\_2700K

Issue Date: 1/30/2026

**Test Information**

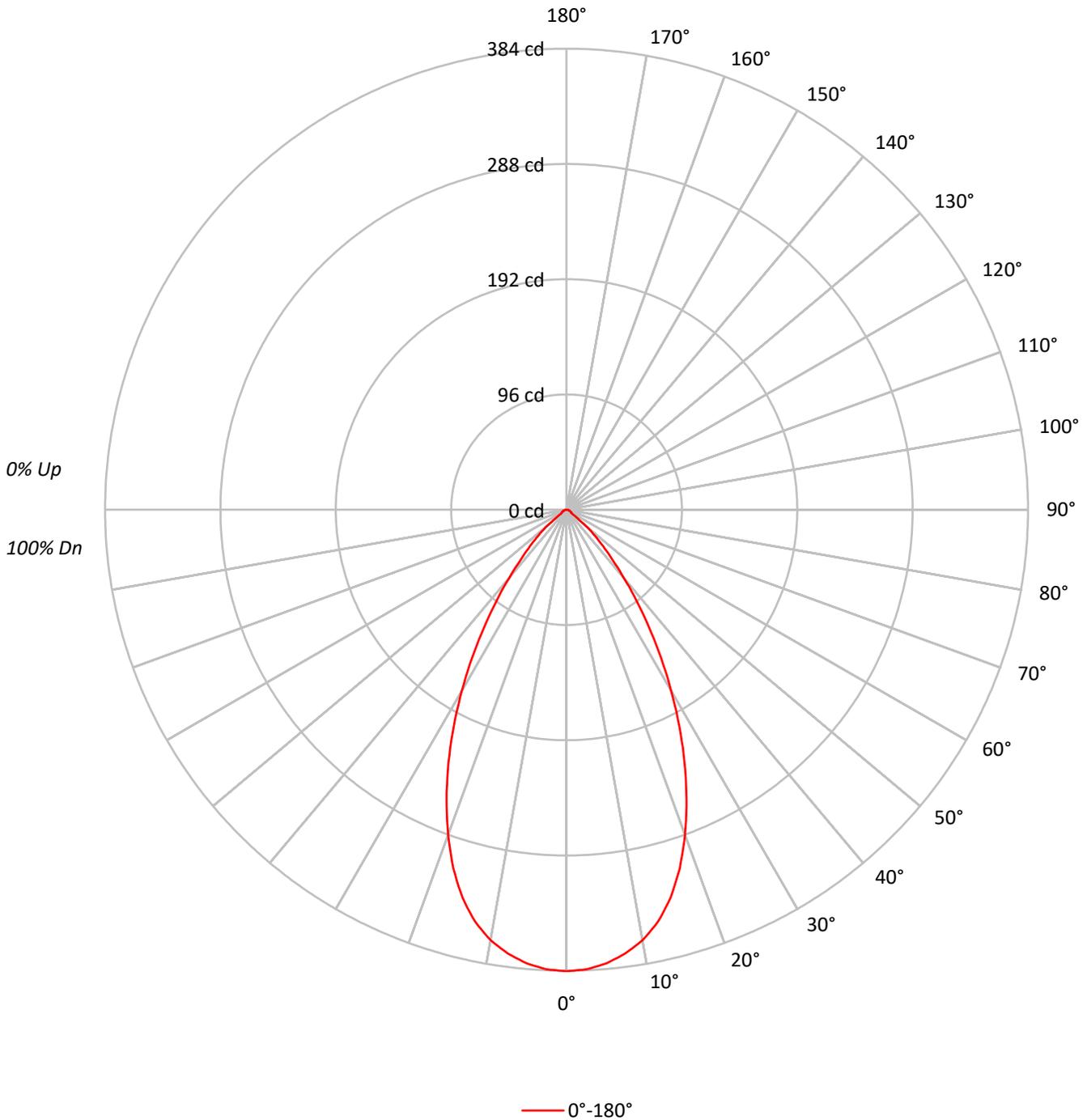
Test Method: LM-79-2019  
Report Number: P1298244  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-39)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A13R60W2N902750DE010 E3DL1GPH\_2700K  
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 2700K CCT AND, 90CRI ,  
E3DL1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 357.0 lumens  
Efficiency: N/A  
Efficacy: 29.0 lumens/watt  
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87  
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: P1298244  
CATALOG NUMBER: P3A13R60W2N902750DE010 E3DL1GPH\_2700K

### Luminous Intensity Polar Plot





TEST NUMBER: P1298244

CATALOG NUMBER: P3A13R60W2N902750DE010 E3DL1GPH\_2700K

**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
1	113	110	108	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93				93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85				85
3	101	95	89	85	99	93	88	84	91	86	83	88	85	82	86	83	80	79				79
4	96	88	82	78	94	87	81	77	85	80	76	83	79	75	81	77	75	73				73
5	91	82	76	71	89	81	75	71	79	74	70	78	73	70	76	72	69	68				68
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	68	64	63				63
7	82	72	66	61	80	71	65	61	70	65	61	69	64	60	68	63	60	59				59
8	77	68	61	57	76	67	61	57	66	60	57	65	60	56	64	59	56	55				55
9	74	64	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53	51				51
10	70	60	54	50	69	60	54	50	59	53	50	58	53	50	57	53	49	48				48

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

	0°
0°	84291
5°	83491
10°	81072
15°	75960
20°	67229
25°	56229
30°	44083
35°	31962
40°	21268
45°	13273
50°	7164
55°	2064
60°	1930
65°	1764
70°	1731
75°	1694
80°	1768
85°	1761

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 13273 cd/sqm



TEST NUMBER: P1298244

CATALOG NUMBER: P3A13R60W2N902750DE010 E3DL1GPH\_2700K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	35.7	10.0
10°-20°	92.8	26.0
20°-30°	105.8	29.6
30°-40°	75.0	21.0
40°-50°	34.0	9.5
50°-60°	7.2	2.0
60°-70°	3.5	1.0
70°-80°	2.2	0.6
80°-90°	0.7	0.2
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°	234.3	65.6
0°-40°	309.4	86.7
0°-60°	350.6	98.2
0°-90°	357.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	357.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	384	
5°	379	36
15°	335	93
25°	232	106
35°	119	75
45°	43	34
55°	5	7
65°	3	3
75°	2	2
85°	1	1
90°	0	



TEST NUMBER: P1298244  
CATALOG NUMBER: P3A13R60W2N902750DE010 E3DL1GPH\_2700K

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	384.4
2.5°	383.1
5°	379.3
7.5°	372.9
10°	364.1
12.5°	351.5
15°	334.6
17.5°	313.2
20°	288.1
22.5°	260.9
25°	232.4
27.5°	203.2
30°	174.1
32.5°	146.2
35°	119.4
37.5°	95.7
40°	74.3
42.5°	56.3
45°	42.8
47.5°	31.9
50°	21.0
52.5°	9.8
55°	5.4
57.5°	4.8
60°	4.4
62.5°	4.1
65°	3.4
67.5°	3.1
70°	2.7
72.5°	2.4
75°	2.0
77.5°	1.7
80°	1.4
82.5°	1.0
85°	0.7
87.5°	0.3
90°	0.0

(END OF REPORT)