

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: P1273998

Luminaire Tested: P3A13R259830DE010 E3DLP1GPH

Issue Date: 1/30/2026

**Test Information**

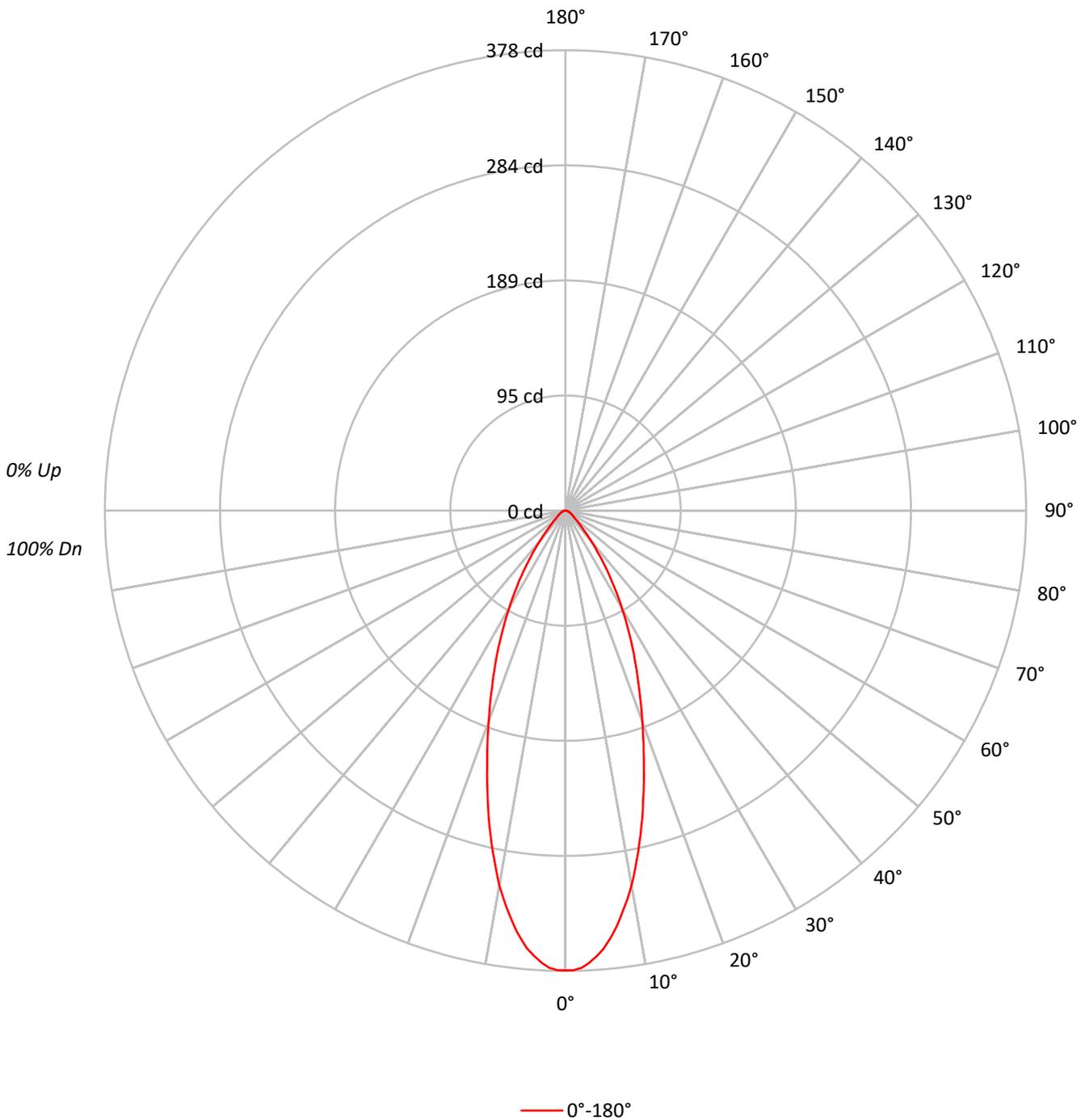
Test Method: LM-79-2019  
Report Number: P1273998  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A13R259830DE010 E3DLP1GPH  
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3DLP1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 228.0 lumens  
Efficiency: N/A  
Efficacy: 15.7 lumens/watt  
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 14.5  
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: P1273998  
CATALOG NUMBER: P3A13R259830DE010 E3DLP1GPH

### Luminous Intensity Polar Plot





TEST NUMBER: P1273998

CATALOG NUMBER: P3A13R259830DE010 E3DLP1GPH

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				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	101	100	99	98	97	96	95	93	93	93	93
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86	86	86	86
3	102	95	90	86	100	94	89	86	91	87	84	89	86	83	87	84	82	80	80	80	80
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	75	75	75	75
5	92	84	78	74	91	83	77	73	81	76	73	79	75	72	78	74	71	70	70	70	70
6	88	79	73	69	86	78	72	68	77	72	68	75	71	67	74	70	67	66	66	66	66
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62	62	62	62
8	80	70	65	60	79	70	64	60	69	64	60	68	63	60	67	63	60	58	58	58	58
9	76	67	61	57	75	66	61	57	65	60	57	64	60	57	64	59	56	55	55	55	55
10	73	64	58	54	72	63	58	54	62	57	54	62	57	54	61	57	54	52	52	52	52

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

	0°
0°	82778
5°	79419
10°	69560
15°	55914
20°	42960
25°	32518
30°	23497
35°	15606
40°	9475
45°	5520
50°	3514
55°	2867
60°	2500
65°	2231
70°	1795
75°	1779
80°	1389
85°	1761

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 5520 cd/sqm



TEST NUMBER: P1273998  
 CATALOG NUMBER: P3A13R259830DE010 E3DLP1GPH

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	32.8	14.4
10°-20°	68.1	29.9
20°-30°	61.6	27.0
30°-40°	37.0	16.2
40°-50°	14.7	6.5
50°-60°	6.8	3.0
60°-70°	4.1	1.8
70°-80°	2.2	1.0
80°-90°	0.6	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°	162.6	71.3
0°-40°	199.6	87.5
0°-60°	221.1	96.9
0°-90°	228.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	228.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	378	
5°	361	33
15°	246	68
25°	134	62
35°	58	37
45°	18	15
55°	8	7
65°	4	4
75°	2	2
85°	1	1
90°	0	



TEST NUMBER: P1273998  
CATALOG NUMBER: P3A13R259830DE010 E3DLP1GPH

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	377.5
1°	377.5
2°	375.7
3°	371.8
4°	366.8
5°	360.8
6°	353.0
7°	344.1
8°	333.8
9°	323.5
10°	312.4
11°	299.6
12°	286.5
13°	273.3
14°	260.2
15°	246.3
17.5°	213.6
20°	184.1
22.5°	157.5
25°	134.4
27.5°	112.7
30°	92.8
32.5°	74.6
35°	58.3
37.5°	44.4
40°	33.1
42.5°	24.2
45°	17.8
47.5°	13.5
50°	10.3
52.5°	8.5
55°	7.5
57.5°	6.4
60°	5.7
62.5°	4.6
65°	4.3
67.5°	3.6
70°	2.8
72.5°	2.5
75°	2.1
77.5°	1.8
80°	1.1
82.5°	0.7
85°	0.7
87.5°	0.4



TEST NUMBER: P1273998  
CATALOG NUMBER: P3A13R259830DE010 E3DLP1GPH

CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)