

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: P1276096

Luminaire Tested: P3AS13R309835DE010 E3DLD1LI

Issue Date: 1/30/2026

**Test Information**

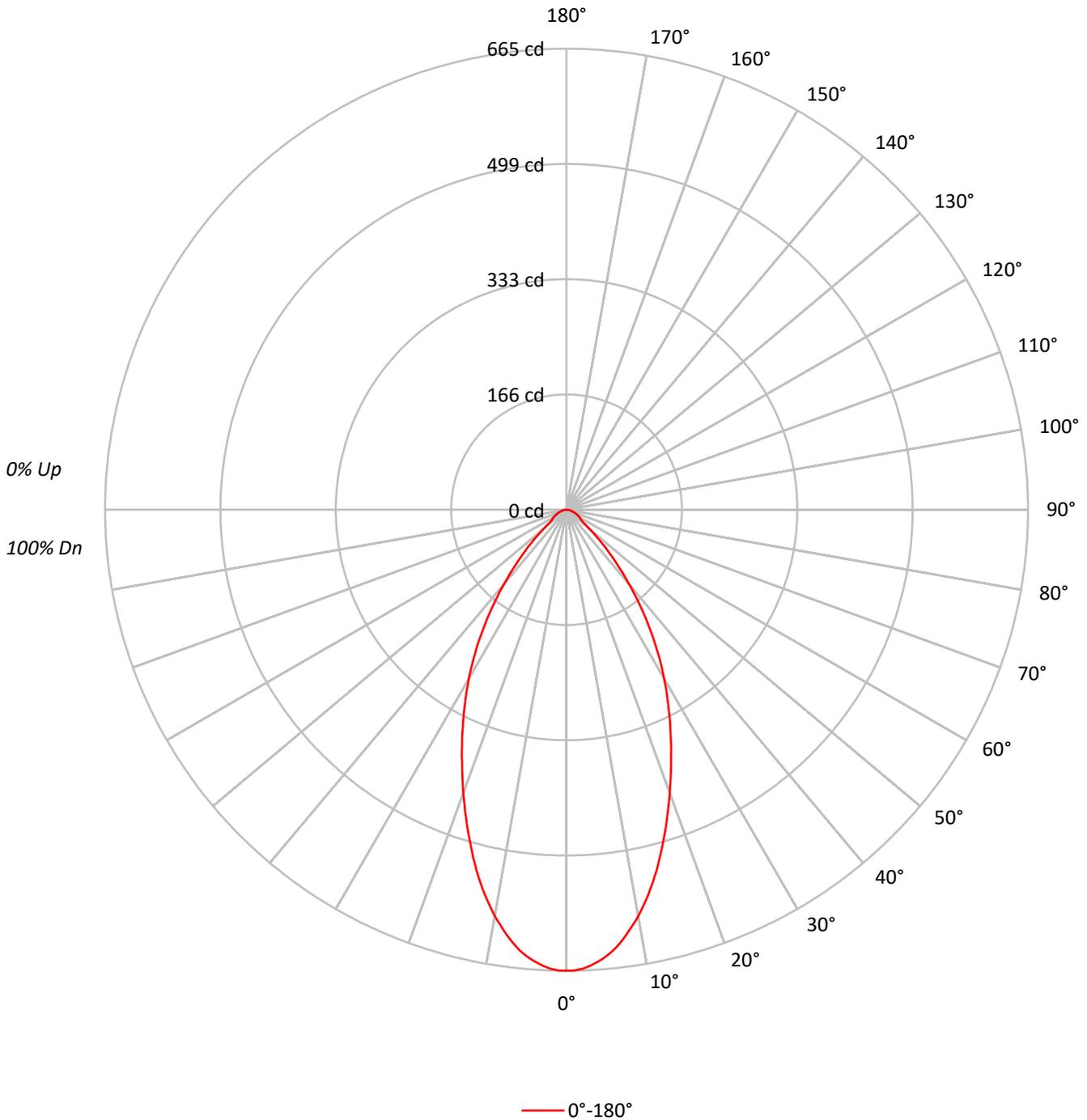
Test Method: LM-79-2019  
Report Number: P1276096  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R309835DE010 E3DLD1LI  
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 98CRI , E3DLD1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 617.0 lumens  
Efficiency: N/A  
Efficacy: 42.6 lumens/watt  
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85  
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: P1276096  
CATALOG NUMBER: P3AS13R309835DE010 E3DLD1LI

### Luminous Intensity Polar Plot





TEST NUMBER: P1276096  
 CATALOG NUMBER: P3AS13R309835DE010 E3DLD1LI

**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	112	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91			91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83			83
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	84	80	78	76			76
4	94	85	79	74	92	84	79	74	82	77	73	80	76	72	78	74	71	70			70
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64			64
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59			59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55			55
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51			51
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48			48
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45			45

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

	0°
0°	145778
5°	142483
10°	132507
15°	117912
20°	101415
25°	85916
30°	71302
35°	55948
40°	40104
45°	26297
50°	14976
55°	9825
60°	9298
65°	8665
70°	7758
75°	7032
80°	6693
85°	5787

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 26297 cd/sqm



TEST NUMBER: P1276096  
 CATALOG NUMBER: P3AS13R309835DE010 E3DLD1LI

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	60.1	9.7
10°-20°	144.4	23.4
20°-30°	162.7	26.4
30°-40°	130.0	21.1
40°-50°	66.8	10.8
50°-60°	25.1	4.1
60°-70°	16.5	2.7
70°-80°	8.9	1.4
80°-90°	2.6	0.4
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°	367.2	59.5
0°-40°	497.2	80.6
0°-60°	589.0	95.5
0°-90°	617.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	617.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	665	
5°	647	60
15°	519	144
25°	355	163
35°	209	130
45°	85	67
55°	26	25
65°	17	16
75°	8	9
85°	2	3
90°	0	



TEST NUMBER: P1276096  
CATALOG NUMBER: P3AS13R309835DE010 E3DLD1LI

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	664.8
1°	664.8
2°	662.5
3°	658.7
4°	653.4
5°	647.3
6°	639.8
7°	629.9
8°	619.3
9°	607.2
10°	595.1
11°	581.5
12°	567.1
13°	551.9
14°	536.0
15°	519.4
17.5°	477.0
20°	434.6
22.5°	393.7
25°	355.1
27.5°	317.2
30°	281.6
32.5°	245.3
35°	209.0
37.5°	173.4
40°	140.1
42.5°	110.5
45°	84.8
47.5°	62.8
50°	43.9
52.5°	31.0
55°	25.7
57.5°	23.5
60°	21.2
62.5°	18.9
65°	16.7
67.5°	14.4
70°	12.1
72.5°	9.8
75°	8.3
77.5°	6.8
80°	5.3
82.5°	3.8
85°	2.3
87.5°	0.8



TEST NUMBER: P1276096  
CATALOG NUMBER: P3AS13R309835DE010 E3DLD1LI

CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)