

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: P1276071

Luminaire Tested: P3AS13R259835DE010 E3DLP1MW

Issue Date: 1/30/2026

**Test Information**

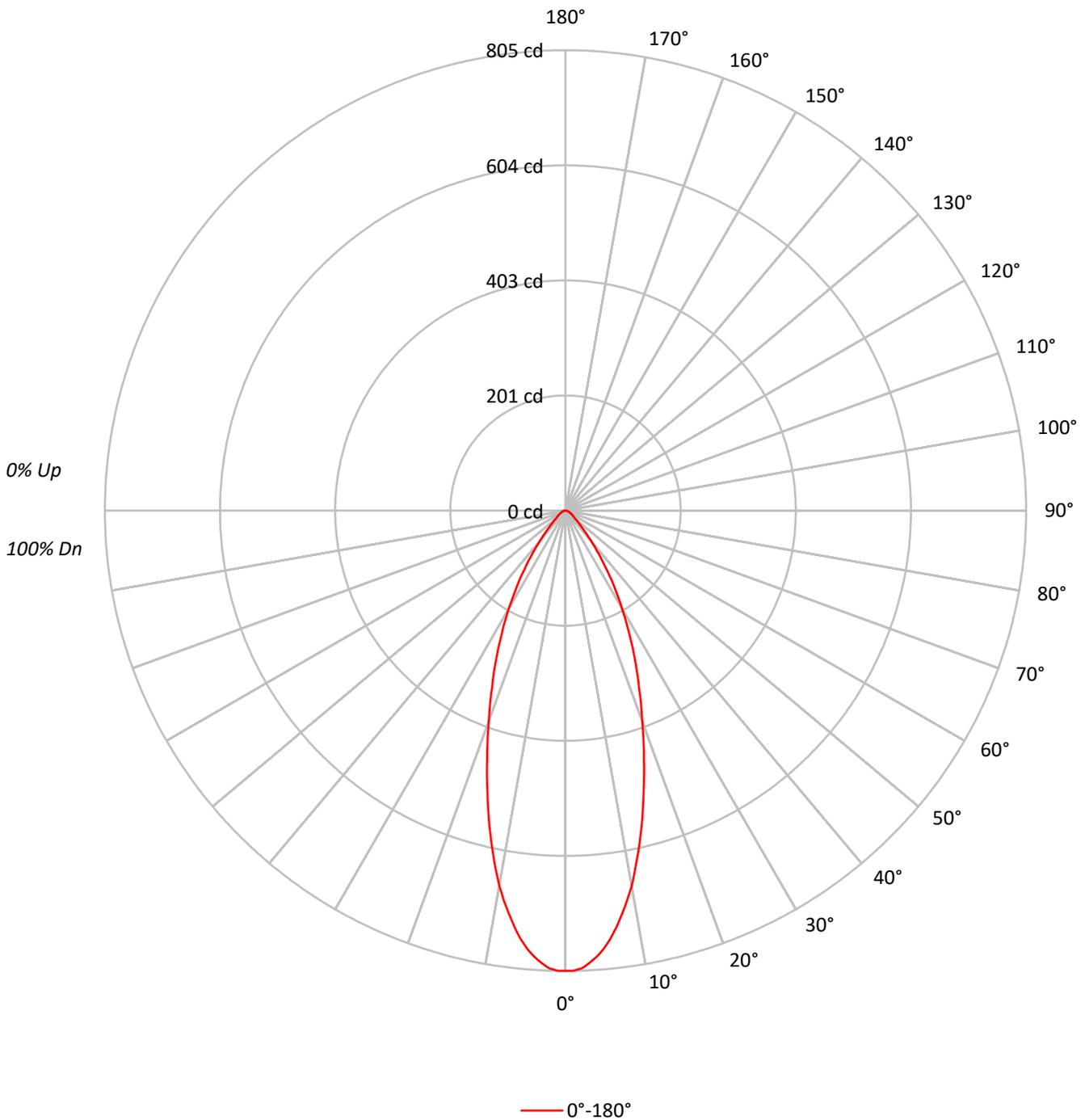
Test Method: LM-79-2019  
Report Number: P1276071  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R259835DE010 E3DLP1MW  
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , E3DLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 486.0 lumens  
Efficiency: N/A  
Efficacy: 33.5 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: P1276071  
CATALOG NUMBER: P3AS13R259835DE010 E3DLP1MW

### Luminous Intensity Polar Plot





TEST NUMBER: P1276071  
 CATALOG NUMBER: P3AS13R259835DE010 E3DLP1MW

**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	65	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°	176455
5°	169271
10°	148294
15°	119206
20°	91591
25°	69294
30°	50084
35°	33274
40°	20181
45°	11753
50°	7505
55°	6079
60°	5307
65°	4722
70°	3911
75°	3813
80°	2904
85°	3774

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 11753 cd/sqm



TEST NUMBER: P1276071  
 CATALOG NUMBER: P3AS13R259835DE010 E3DLP1MW

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	70.0	14.4
10°-20°	145.2	29.9
20°-30°	131.3	27.0
30°-40°	78.9	16.2
40°-50°	31.3	6.4
50°-60°	14.4	3.0
60°-70°	8.8	1.8
70°-80°	4.7	1.0
80°-90°	1.3	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°	346.5	71.3
0°-40°	425.4	87.5
0°-60°	471.2	96.9
0°-90°	486.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	486.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	805	
5°	769	70
15°	525	145
25°	286	131
35°	124	79
45°	38	31
55°	16	14
65°	9	9
75°	4	5
85°	2	1
90°	0	



TEST NUMBER: P1276071  
CATALOG NUMBER: P3AS13R259835DE010 E3DLP1MW

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	804.7
1°	804.7
2°	800.9
3°	792.5
4°	781.9
5°	769.0
6°	752.4
7°	733.4
8°	711.5
9°	689.5
10°	666.0
11°	638.7
12°	610.7
13°	582.7
14°	554.6
15°	525.1
17.5°	455.4
20°	392.5
22.5°	335.7
25°	286.4
27.5°	240.2
30°	197.8
32.5°	159.1
35°	124.3
37.5°	94.7
40°	70.5
42.5°	51.5
45°	37.9
47.5°	28.8
50°	22.0
52.5°	18.2
55°	15.9
57.5°	13.6
60°	12.1
62.5°	9.8
65°	9.1
67.5°	7.6
70°	6.1
72.5°	5.3
75°	4.5
77.5°	3.8
80°	2.3
82.5°	1.5
85°	1.5
87.5°	0.8



TEST NUMBER: P1276071  
CATALOG NUMBER: P3AS13R259835DE010 E3DLP1MW

CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)