

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: P1259944

Luminaire Tested: P3AS13R259050DE010 E3DL1WMH

Issue Date: 1/30/2026

**Test Information**

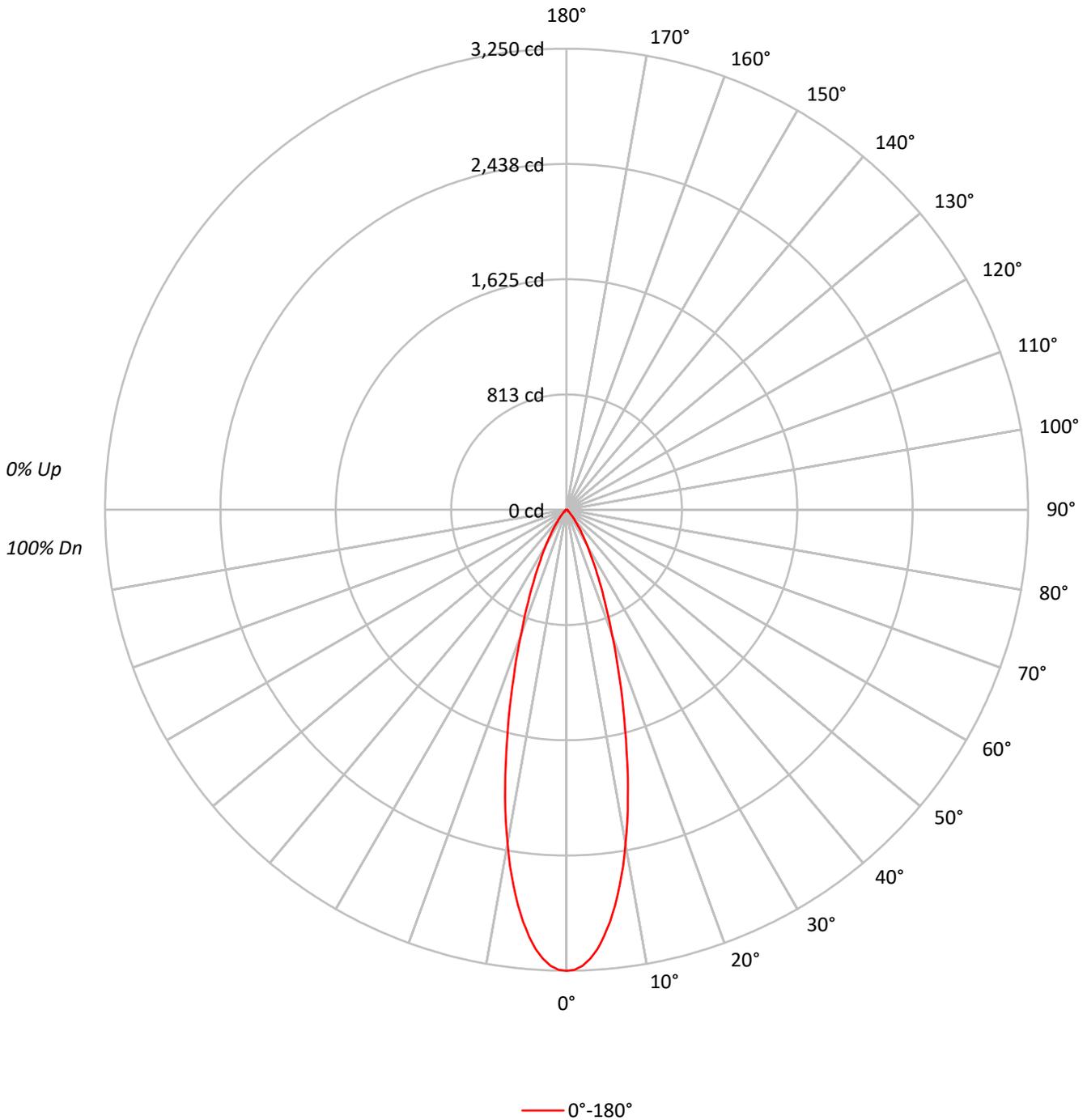
Test Method: LM-79-2019  
Report Number: P1259944  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R259050DE010 E3DL1WMH  
Description: 3in Adjustable LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3DL1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1111.0 lumens  
Efficiency: N/A  
Efficacy: 76.1 lumens/watt  
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 14.6  
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: P1259944  
CATALOG NUMBER: P3AS13R259050DE010 E3DL1WMH

### Luminous Intensity Polar Plot





TEST NUMBER: P1259944  
 CATALOG NUMBER: P3AS13R259050DE010 E3DL1WMH

**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	99	98	97	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	93	92	95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	91	89	87	90
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	88	85	83	86
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	85	82	79	82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	82	78	76	78
6	94	86	81	78	92	86	81	78	84	80	77	83	79	77	82	78	76	75	82	78	76	75
7	90	83	78	74	89	82	77	74	81	77	74	80	76	73	79	75	73	72	79	75	73	72
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70	69	76	73	70	69
9	84	76	71	68	83	76	71	68	75	71	68	74	70	68	73	70	67	66	73	70	67	66
10	81	73	69	65	80	73	68	65	72	68	65	72	68	65	71	67	65	64	71	67	65	64

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

	0°
0°	712662
5°	664911
10°	532633
15°	361546
20°	218769
25°	127943
30°	72847
35°	40074
40°	21268
45°	11195
50°	6516
55°	4855
60°	4210
65°	4410
70°	4103
75°	3558
80°	2652
85°	2768

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 11195 cd/sqm



TEST NUMBER: P1259944  
 CATALOG NUMBER: P3AS13R259050DE010 E3DL1WMH

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	268.1	24.1
10°-20°	437.8	39.4
20°-30°	250.2	22.5
30°-40°	98.7	8.9
40°-50°	30.3	2.7
50°-60°	12.0	1.1
60°-70°	8.0	0.7
70°-80°	4.5	0.4
80°-90°	1.5	0.1
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°	956.1	86.1
0°-40°	1054.8	94.9
0°-60°	1097.1	98.7
0°-90°	1111.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1111.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	3250	
5°	3021	268
15°	1593	438
25°	529	250
35°	150	99
45°	36	30
55°	13	12
65°	8	8
75°	4	4
85°	1	1
90°	0	



TEST NUMBER: P1259944  
CATALOG NUMBER: P3AS13R259050DE010 E3DL1WMH

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	3250.0
1°	3243.6
2°	3217.1
3°	3170.4
4°	3105.6
5°	3020.7
6°	2920.9
7°	2808.3
8°	2677.7
9°	2543.9
10°	2392.1
11°	2242.4
12°	2077.8
13°	1915.4
14°	1748.7
15°	1592.6
17.5°	1234.8
20°	937.5
22.5°	703.9
25°	528.8
27.5°	391.8
30°	287.7
32.5°	208.1
35°	149.7
37.5°	106.2
40°	74.3
42.5°	51.0
45°	36.1
47.5°	25.5
50°	19.1
52.5°	14.9
55°	12.7
57.5°	11.7
60°	9.6
62.5°	8.5
65°	8.5
67.5°	7.4
70°	6.4
72.5°	5.3
75°	4.2
77.5°	3.2
80°	2.1
82.5°	2.1
85°	1.1
87.5°	1.1



TEST NUMBER: P1259944  
CATALOG NUMBER: P3AS13R259050DE010 E3DL1WMH

CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)