

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: P1249370

Luminaire Tested: P3AS13R509027DE010 E3DL1MW

Issue Date: 1/30/2026

**Test Information**

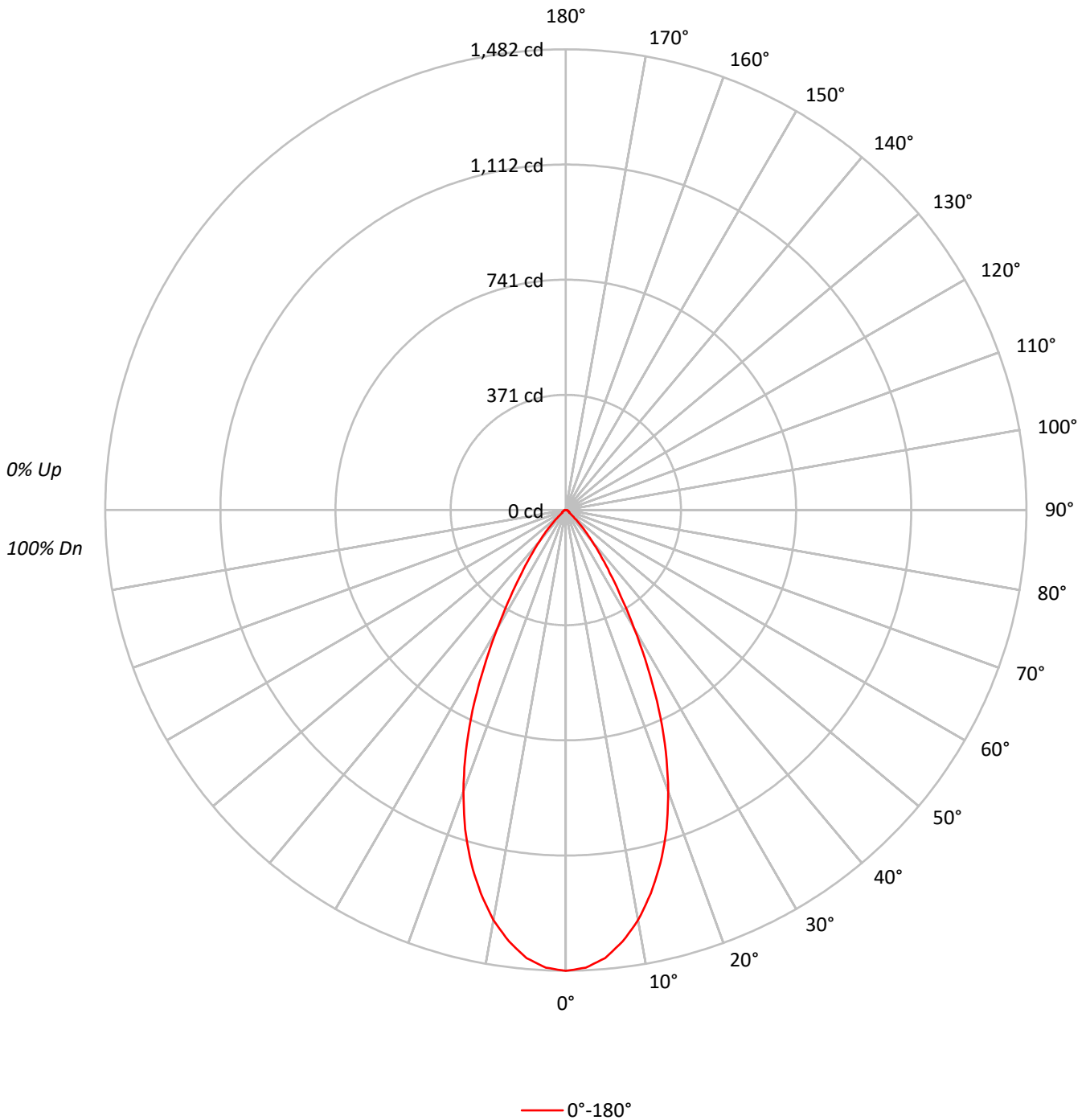
Test Method: LM-79-2019  
Report Number: P1249370  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-31)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R509027DE010 E3DL1MW  
Description: 3in Adjustable LED luminaire with, R50 optic, 2700K CCT AND, 90CRI , E3DL1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1021.0 lumens  
Efficiency: N/A  
Efficacy: 69.9 lumens/watt  
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.75  
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: P1249370  
CATALOG NUMBER: P3AS13R509027DE010 E3DL1MW

### Luminous Intensity Polar Plot





TEST NUMBER: P1249370  
 CATALOG NUMBER: P3AS13R509027DE010 E3DL1MW

**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
1	114	111	108	106	111	109	106	104	105	103	101	101	99	98	97	96	95	94				94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87				87
3	103	97	92	88	101	95	91	87	93	89	86	90	87	84	88	85	83	82				82
4	98	91	85	81	96	90	85	81	87	83	80	85	82	79	84	80	78	76				76
5	93	85	80	75	92	84	79	75	83	78	74	81	77	74	79	76	73	72				72
6	89	80	75	71	88	80	74	70	78	73	70	77	73	69	75	72	69	67				67
7	85	76	70	66	84	75	70	66	74	69	66	73	69	65	72	68	65	64				64
8	81	72	66	62	80	71	66	62	70	65	62	69	65	62	68	64	61	60				60
9	78	68	63	59	76	68	62	59	67	62	59	66	62	58	65	61	58	57				57
10	74	65	59	56	73	65	59	56	64	59	55	63	58	55	62	58	55	54				54

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

	0°
0°	325062
5°	318511
10°	298347
15°	267084
20°	224766
25°	171542
30°	111486
35°	66093
40°	38186
45°	19134
50°	7130
55°	5543
60°	5175
65°	4722
70°	4680
75°	4575
80°	4546
85°	4529

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 19134 cd/sqm



TEST NUMBER: P1249370  
 CATALOG NUMBER: P3AS13R509027DE010 E3DL1MW

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	134.6	13.2
10°-20°	325.4	31.9
20°-30°	319.2	31.3
30°-40°	160.8	15.7
40°-50°	50.8	5.0
50°-60°	13.2	1.3
60°-70°	9.3	0.9
70°-80°	5.7	0.6
80°-90°	2.0	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°	779.2	76.3
0°-40°	940.0	92.1
0°-60°	1003.9	98.3
0°-90°	1021.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1021.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1482	
5°	1447	135
15°	1176	325
25°	709	319
35°	247	161
45°	62	51
55°	14	13
65°	9	9
75°	5	6
85°	2	2
90°	0	



TEST NUMBER: P1249370  
CATALOG NUMBER: P3AS13R509027DE010 E3DL1MW

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1482.4
2.5°	1473.4
5°	1447.0
7.5°	1399.8
10°	1339.9
12.5°	1262.7
15°	1176.5
17.5°	1076.6
20°	963.2
22.5°	840.6
25°	709.0
27.5°	569.2
30°	440.3
32.5°	331.3
35°	246.9
37.5°	182.5
40°	133.4
42.5°	94.4
45°	61.7
47.5°	35.4
50°	20.9
52.5°	15.4
55°	14.5
57.5°	12.7
60°	11.8
62.5°	10.9
65°	9.1
67.5°	8.2
70°	7.3
72.5°	6.4
75°	5.4
77.5°	4.5
80°	3.6
82.5°	2.7
85°	1.8
87.5°	0.9
90°	0.0

(END OF REPORT)