

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: P1267491

Luminaire Tested: P3A13R409735DE010 E3CD1MB

Issue Date: 1/30/2026

**Test Information**

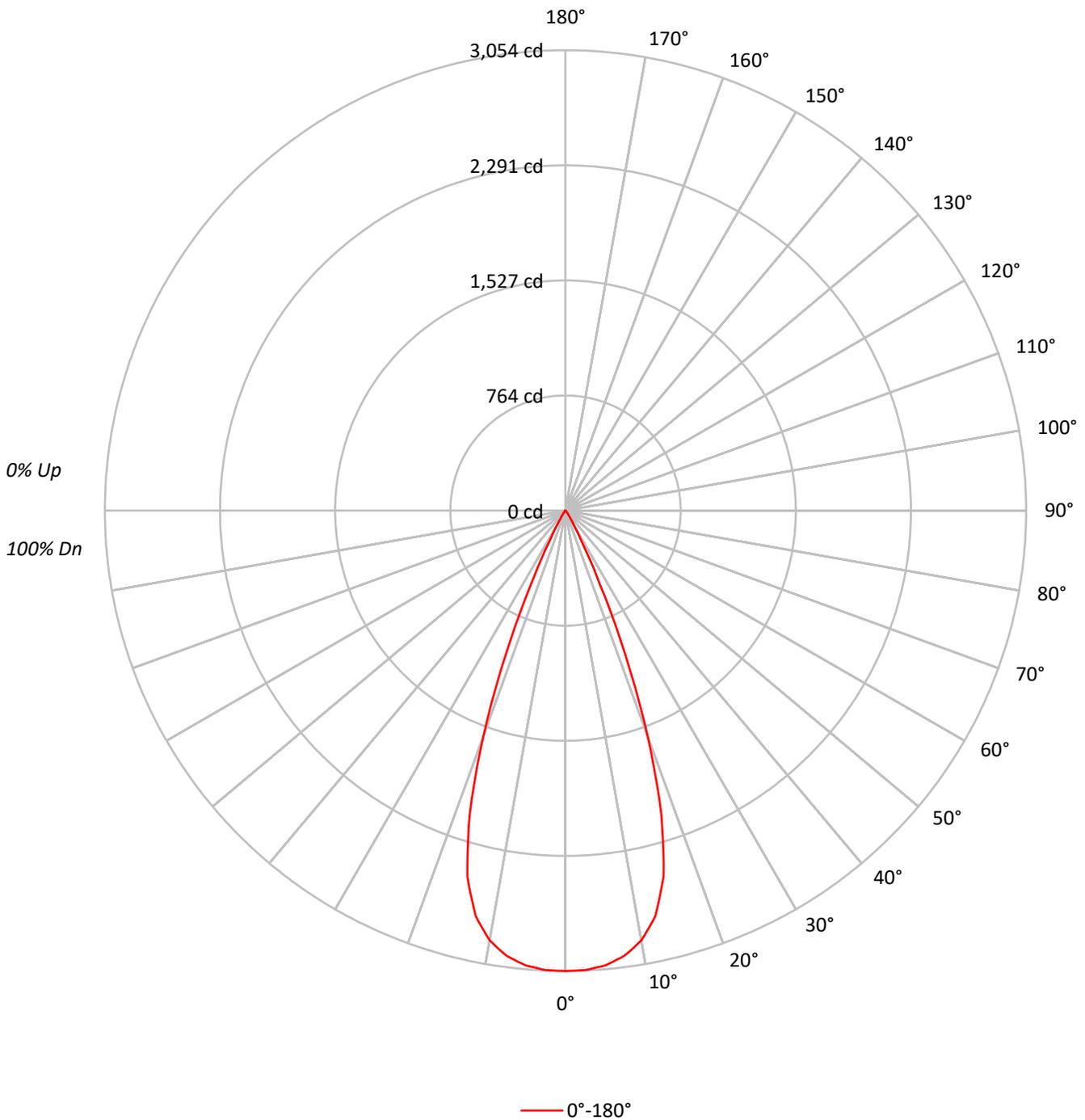
Test Method: LM-79-2019  
Report Number: P1267491  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-24)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A13R409735DE010 E3CD1MB  
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 97CRI , E3CD1MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1271.9 lumens  
Efficiency: N/A  
Efficacy: 87.1 lumens/watt  
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.59  
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

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### Luminous Intensity Polar Plot





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**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	102	102	100	
1	115	112	110	109	112	110	109	107	106	105	104	103	102	101	99	98	98	98	98	96	
2	111	107	104	101	109	105	102	100	102	100	98	99	97	96	96	95	94	94	94	92	
3	107	102	98	95	105	100	97	94	98	95	93	96	93	91	94	92	90	94	92	89	
4	103	97	93	90	102	96	92	89	94	91	88	92	90	87	91	88	86	91	88	85	
5	100	93	89	86	98	92	88	85	91	87	85	89	86	84	88	85	83	88	85	82	
6	96	90	85	82	95	89	85	82	88	84	81	86	83	81	85	82	80	85	82	79	
7	93	86	82	79	92	86	81	78	85	81	78	83	80	78	82	79	77	82	79	76	
8	90	83	79	76	89	83	78	75	82	78	75	81	77	75	80	77	75	80	77	73	
9	87	80	76	73	87	80	76	73	79	75	72	78	75	72	77	74	72	77	74	71	
10	85	77	73	70	84	77	73	70	76	73	70	76	72	70	75	72	70	75	72	69	

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

	0°
0°	669749
5°	666518
10°	644789
15°	570469
20°	372199
25°	131862
30°	27954
35°	9209
40°	3378
45°	1116
50°	921
55°	1032
60°	789
65°	934
70°	577
75°	763
80°	1137
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 82.5°  
 Luminance: 1512 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	284.9	22.4
10°-20°	663.5	52.2
20°-30°	287.9	22.6
30°-40°	26.5	2.1
40°-50°	3.8	0.3
50°-60°	2.3	0.2
60°-70°	1.7	0.1
70°-80°	1.0	0.1
80°-90°	0.4	0.0
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°	1236.4	97.2
0°-40°	1262.9	99.3
0°-60°	1269.0	99.8
0°-90°	1271.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1271.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	3054	
5°	3028	285
15°	2513	664
25°	545	288
35°	34	27
45°	4	4
55°	3	2
65°	2	2
75°	1	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	3054.3
2.5°	3050.6
5°	3028.0
7.5°	2980.0
10°	2895.8
12.5°	2753.7
15°	2512.9
17.5°	2113.7
20°	1595.0
22.5°	1035.6
25°	545.0
27.5°	234.5
30°	110.4
32.5°	59.7
35°	34.4
37.5°	20.8
40°	11.8
42.5°	6.3
45°	3.6
47.5°	2.7
50°	2.7
52.5°	2.7
55°	2.7
57.5°	2.7
60°	1.8
62.5°	1.8
65°	1.8
67.5°	1.8
70°	0.9
72.5°	0.9
75°	0.9
77.5°	0.9
80°	0.9
82.5°	0.9
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)