

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: P1246839

Luminaire Tested: P3A13R209024DE010 E3DLD1MW

Issue Date: 1/30/2026

**Test Information**

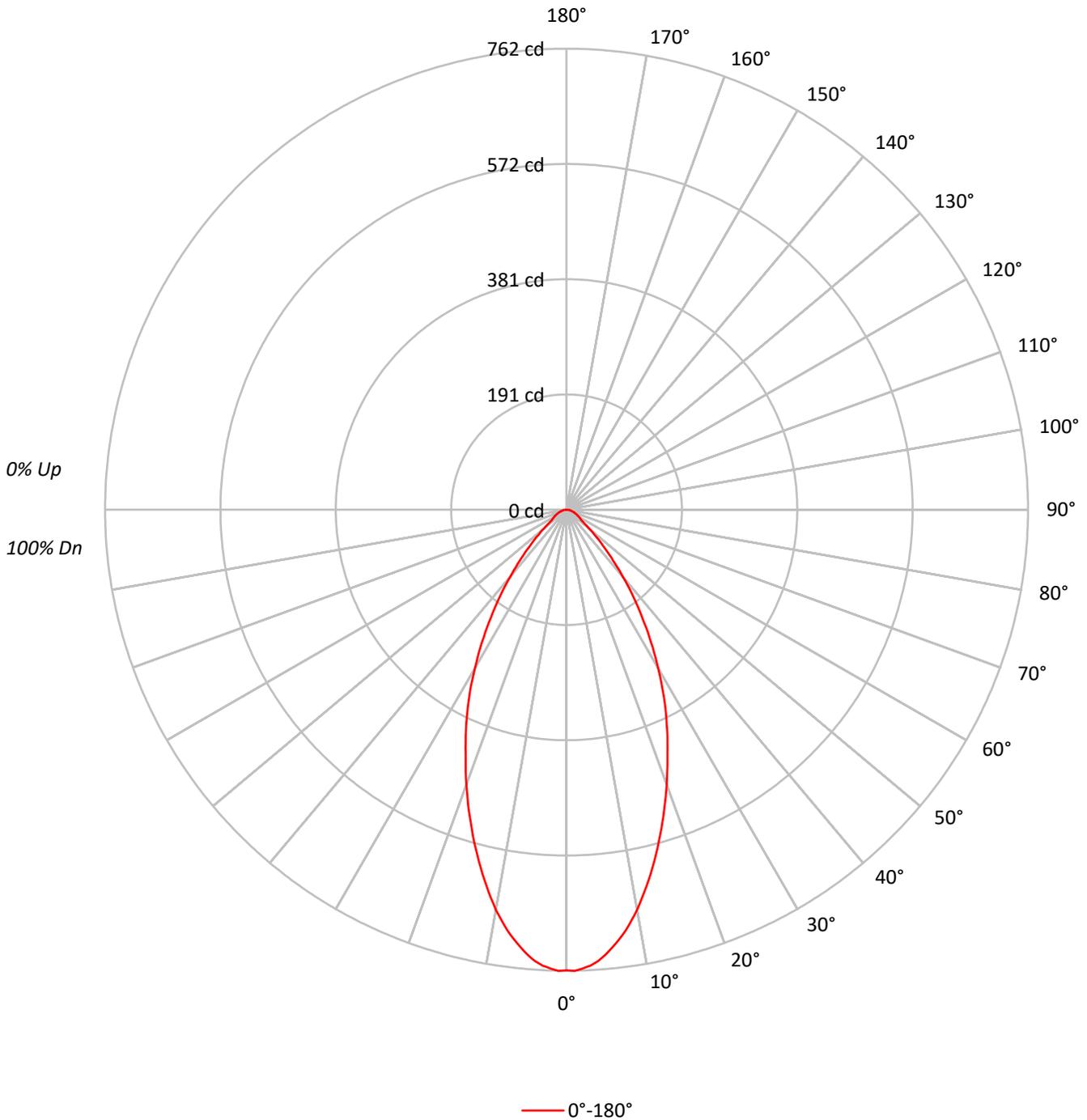
Test Method: LM-79-2019  
Report Number: P1246839  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A13R209024DE010 E3DLD1MW  
Description: 3in Adjustable LED luminaire with, R20 optic, 2400K CCT AND, 90CRI , E3DLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 675.0 lumens  
Efficiency: N/A  
Efficacy: 46.2 lumens/watt  
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83  
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				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	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91				91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	90	87	85	83				83
3	100	93	87	82	98	91	86	82	88	84	80	86	82	79	84	81	78	76				76
4	94	86	79	75	92	85	79	74	82	77	73	80	76	72	78	75	72	70				70
5	89	80	73	68	87	79	73	68	77	71	67	75	70	67	73	69	66	65				65
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60				60
7	80	69	63	58	78	69	62	58	67	62	58	66	61	57	65	60	57	55				55
8	75	65	59	54	74	64	58	54	63	58	54	62	57	53	61	57	53	52				52
9	72	61	55	50	70	61	55	50	60	54	50	59	54	50	58	53	50	48				48
10	68	58	51	47	67	57	51	47	56	51	47	56	51	47	55	50	47	45				45

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

	0°
0°	166960
5°	162513
10°	149496
15°	131579
20°	112850
25°	94796
30°	76645
35°	58303
40°	41478
45°	27383
50°	16955
55°	11163
60°	10175
65°	9340
70°	8784
75°	7964
80°	7577
85°	6542

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 27383 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	68.3	10.1
10°-20°	161.4	23.9
20°-30°	179.1	26.5
30°-40°	136.6	20.2
40°-50°	70.0	10.4
50°-60°	28.8	4.3
60°-70°	17.9	2.7
70°-80°	10.0	1.5
80°-90°	2.9	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°	408.8	60.6
0°-40°	545.4	80.8
0°-60°	644.1	95.4
0°-90°	675.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	675.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	761	
5°	738	68
15°	580	161
25°	392	179
35°	218	137
45°	88	70
55°	29	29
65°	18	18
75°	9	10
85°	3	3
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	761.4
1°	762.3
2°	758.8
3°	754.5
4°	747.7
5°	738.3
6°	727.1
7°	715.1
8°	702.2
9°	686.8
10°	671.4
12.5°	626.8
15°	579.6
17.5°	531.6
20°	483.6
22.5°	435.6
25°	391.8
27.5°	348.1
30°	302.7
32.5°	259.8
35°	217.8
37.5°	180.9
40°	144.9
42.5°	114.0
45°	88.3
47.5°	66.9
50°	49.7
52.5°	36.9
55°	29.2
57.5°	26.6
60°	23.2
62.5°	20.6
65°	18.0
67.5°	15.4
70°	13.7
72.5°	11.1
75°	9.4
77.5°	7.7
80°	6.0
82.5°	4.3
85°	2.6
87.5°	0.9
90°	0.0

(END OF REPORT)