

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: P1269602

Luminaire Tested: P3A09R659740DE010 E3CD1MW

Issue Date: 1/30/2026

**Test Information**

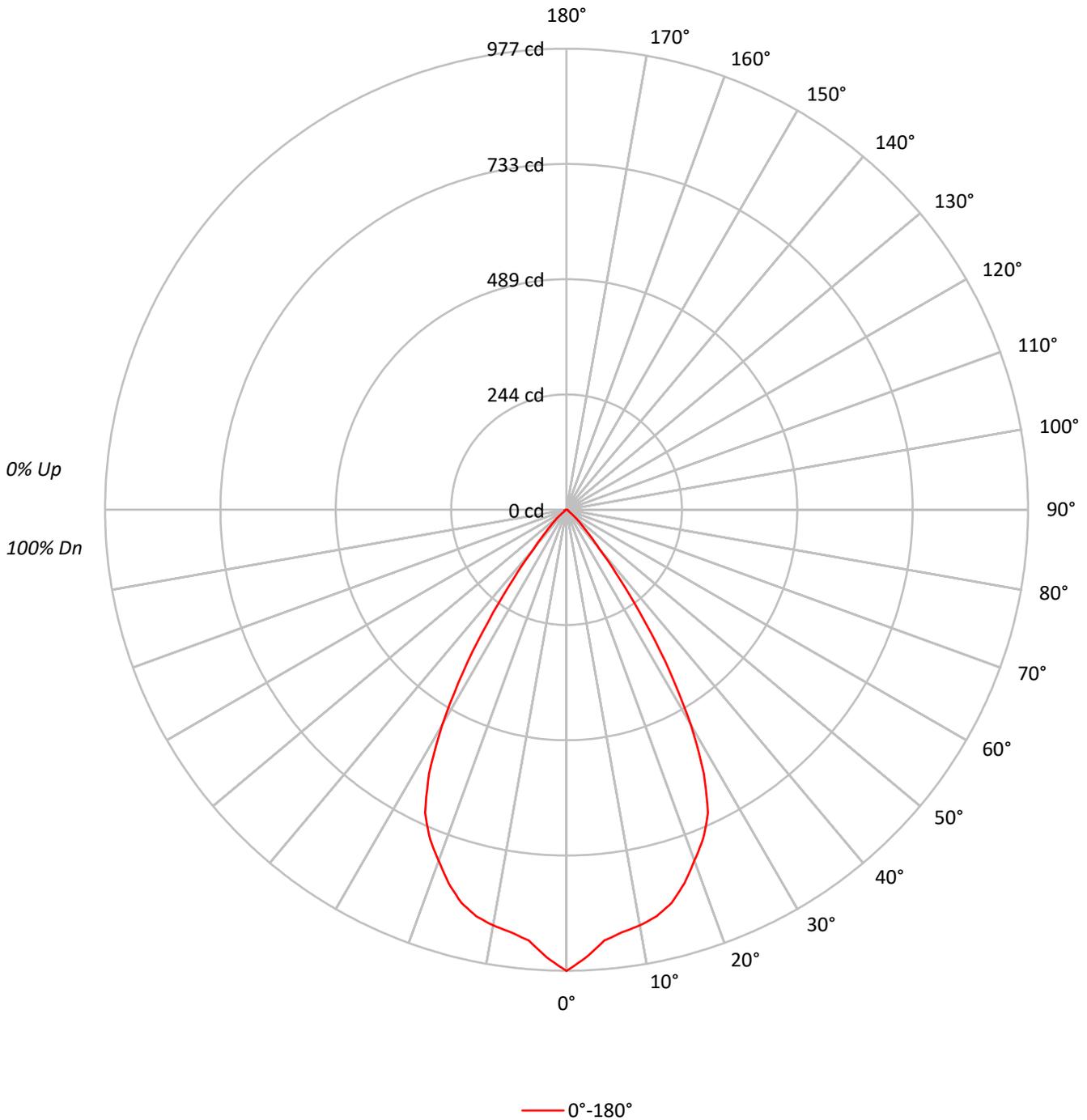
Test Method: LM-79-2019  
Report Number: P1269602  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-44)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A09R659740DE010 E3CD1MW  
Description: 3in Adjustable LED luminaire with, R65 optic, 4000K CCT AND, 97CRI , E3CD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 877.0 lumens  
Efficiency: N/A  
Efficacy: 79.0 lumens/watt  
Spacing Criteria (0/90/45): 0.98 / 0.98 / 0.9  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 11.1  
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	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	101	98	95	98	95	93	95	93	91	92	90	89	87				87
3	103	96	91	87	101	95	90	87	92	88	85	90	87	84	88	85	83	81				81
4	97	90	84	80	96	89	84	80	87	82	79	85	81	78	83	80	77	75				75
5	93	84	78	74	91	83	78	74	82	77	73	80	76	73	78	75	72	70				70
6	88	79	73	69	86	78	73	69	77	72	68	75	71	68	74	70	67	66				66
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62				62
8	80	70	64	60	78	69	64	60	68	63	60	67	63	59	66	62	59	58				58
9	76	66	60	56	75	66	60	56	65	60	56	64	59	56	63	59	56	54				54
10	72	63	57	53	71	62	57	53	61	56	53	60	56	53	60	55	52	51				51

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

	0°
0°	214325
5°	201716
10°	199150
15°	195642
20°	184699
25°	171445
30°	133261
35°	77095
40°	31058
45°	14296
50°	5561
55°	2179
60°	1886
65°	1816
70°	1795
75°	1779
80°	1768
85°	1761

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 14296 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	87.1	9.9
10°-20°	240.6	27.4
20°-30°	315.0	35.9
30°-40°	182.5	20.8
40°-50°	39.1	4.5
50°-60°	6.4	0.7
60°-70°	3.5	0.4
70°-80°	2.0	0.2
80°-90°	0.8	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°	642.8	73.3
0°-40°	825.3	94.1
0°-60°	870.7	99.3
0°-90°	877.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	877.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	977	
5°	916	87
15°	862	241
25°	709	315
35°	288	182
45°	46	39
55°	6	6
65°	4	3
75°	2	2
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	977.4
2.5°	949.7
5°	916.4
7.5°	902.9
10°	894.4
12.5°	882.3
15°	861.8
17.5°	829.8
20°	791.5
22.5°	755.4
25°	708.6
27.5°	629.8
30°	526.3
32.5°	407.8
35°	288.0
37.5°	182.3
40°	108.5
42.5°	68.1
45°	46.1
47.5°	29.8
50°	16.3
52.5°	7.8
55°	5.7
57.5°	5.0
60°	4.3
62.5°	4.3
65°	3.5
67.5°	2.8
70°	2.8
72.5°	2.1
75°	2.1
77.5°	1.4
80°	1.4
82.5°	0.7
85°	0.7
87.5°	0.7
90°	0.0

(END OF REPORT)