

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: P1262116

Luminaire Tested: P3AS05R709727DE010 E3CD1MW

Issue Date: 1/30/2026

**Test Information**

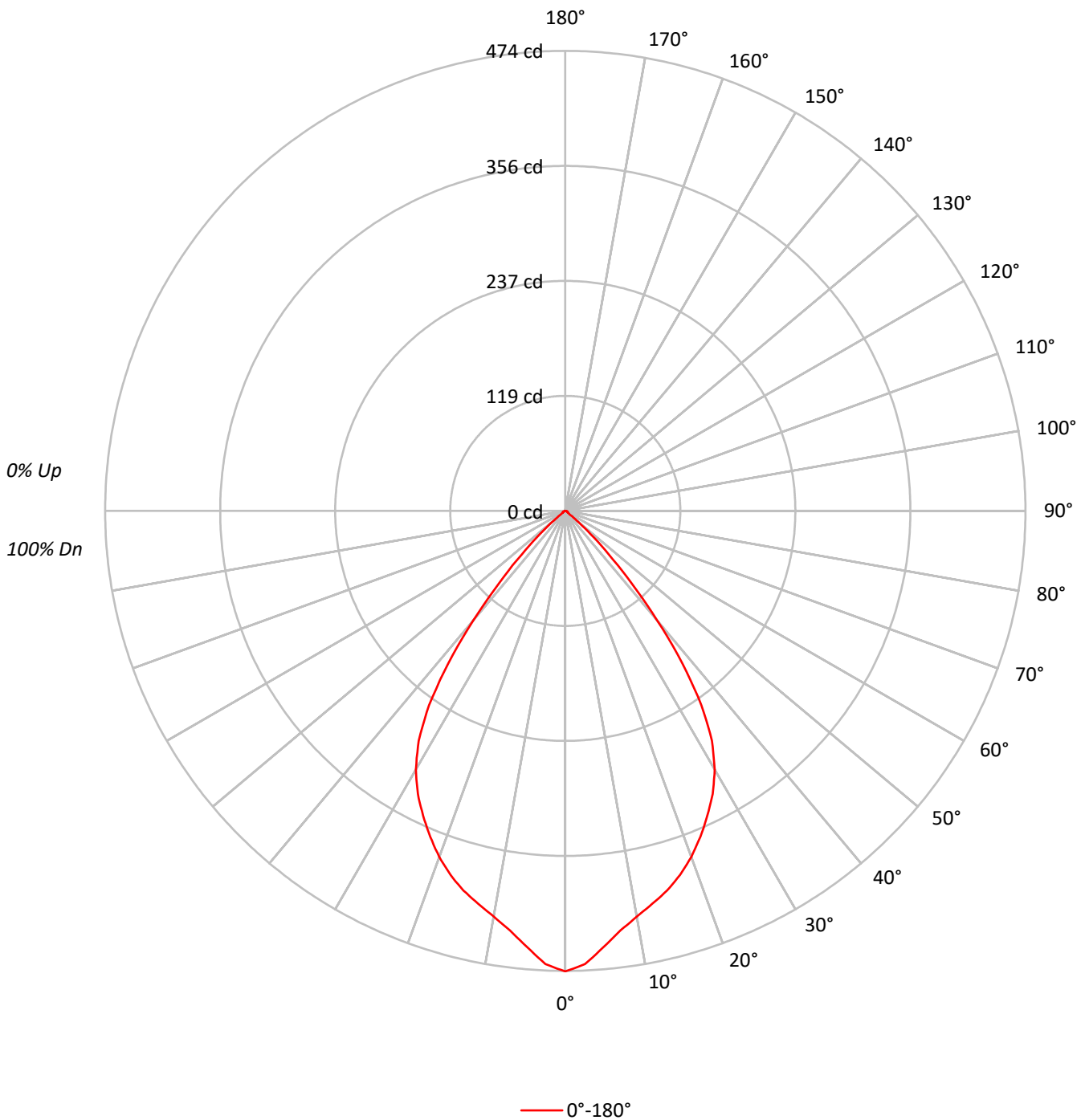
Test Method: LM-79-2019  
Report Number: P1262116  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-48)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R709727DE010 E3CD1MW  
Description: 3in Adjustable LED luminaire with, R70 optic, 2700K CCT AND, 97CRI , E3CD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 524.0 lumens  
Efficiency: N/A  
Efficacy: 72.8 lumens/watt  
Spacing Criteria (0/90/45): 1.01 / 1.01 / 1.03  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 7.2  
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	100			100
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93			93
2	107	102	97	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85			85
3	101	94	89	85	99	93	88	84	90	86	83	88	84	81	85	82	80	78			78
4	95	87	81	77	94	86	81	76	84	79	75	82	78	75	80	77	74	72			72
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66			66
6	85	75	69	64	83	75	69	64	73	68	64	72	67	63	70	66	63	61			61
7	80	70	64	59	79	70	64	59	68	63	59	67	62	59	66	62	58	57			57
8	76	66	59	55	75	65	59	55	64	58	55	63	58	54	62	57	54	53			53
9	72	62	55	51	71	61	55	51	60	55	51	59	54	50	58	54	50	49			49
10	68	58	52	47	67	57	51	47	56	51	47	56	51	47	55	50	47	46			46

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

	0°
0°	104049
5°	99295
10°	94476
15°	91942
20°	88534
25°	83811
30°	77936
35°	65478
40°	42193
45°	19599
50°	5151
55°	1300
60°	1272
65°	1090
70°	1090
75°	1101
80°	1010
85°	1006

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 19599 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	42.2	8.1
10°-20°	113.8	21.7
20°-30°	159.0	30.3
30°-40°	147.4	28.1
40°-50°	52.8	10.1
50°-60°	4.5	0.9
60°-70°	2.2	0.4
70°-80°	1.5	0.3
80°-90°	0.5	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°	315.0	60.1
0°-40°	462.4	88.3
0°-60°	519.8	99.2
0°-90°	524.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	524.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	474	
5°	451	42
15°	405	114
25°	346	159
35°	245	147
45°	63	53
55°	3	4
65°	2	2
75°	1	1
85°	0	1
90°	0	



TEST NUMBER: P1262116  
CATALOG NUMBER: P3AS05R709727DE010 E3CD1MW

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	474.5
2.5°	467.4
5°	451.1
7.5°	436.0
10°	424.3
12.5°	414.6
15°	405.0
17.5°	393.3
20°	379.4
22.5°	363.5
25°	346.4
27.5°	328.8
30°	307.8
32.5°	281.0
35°	244.6
37.5°	198.1
40°	147.4
42.5°	100.5
45°	63.2
47.5°	35.2
50°	15.1
52.5°	5.0
55°	3.4
57.5°	2.9
60°	2.9
62.5°	2.5
65°	2.1
67.5°	2.1
70°	1.7
72.5°	1.7
75°	1.3
77.5°	1.3
80°	0.8
82.5°	0.8
85°	0.4
87.5°	0.4
90°	0.0

(END OF REPORT)