

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: P1271422

Luminaire Tested: P3AS05R609827DE010 E3CD1MB

Issue Date: 1/30/2026

**Test Information**

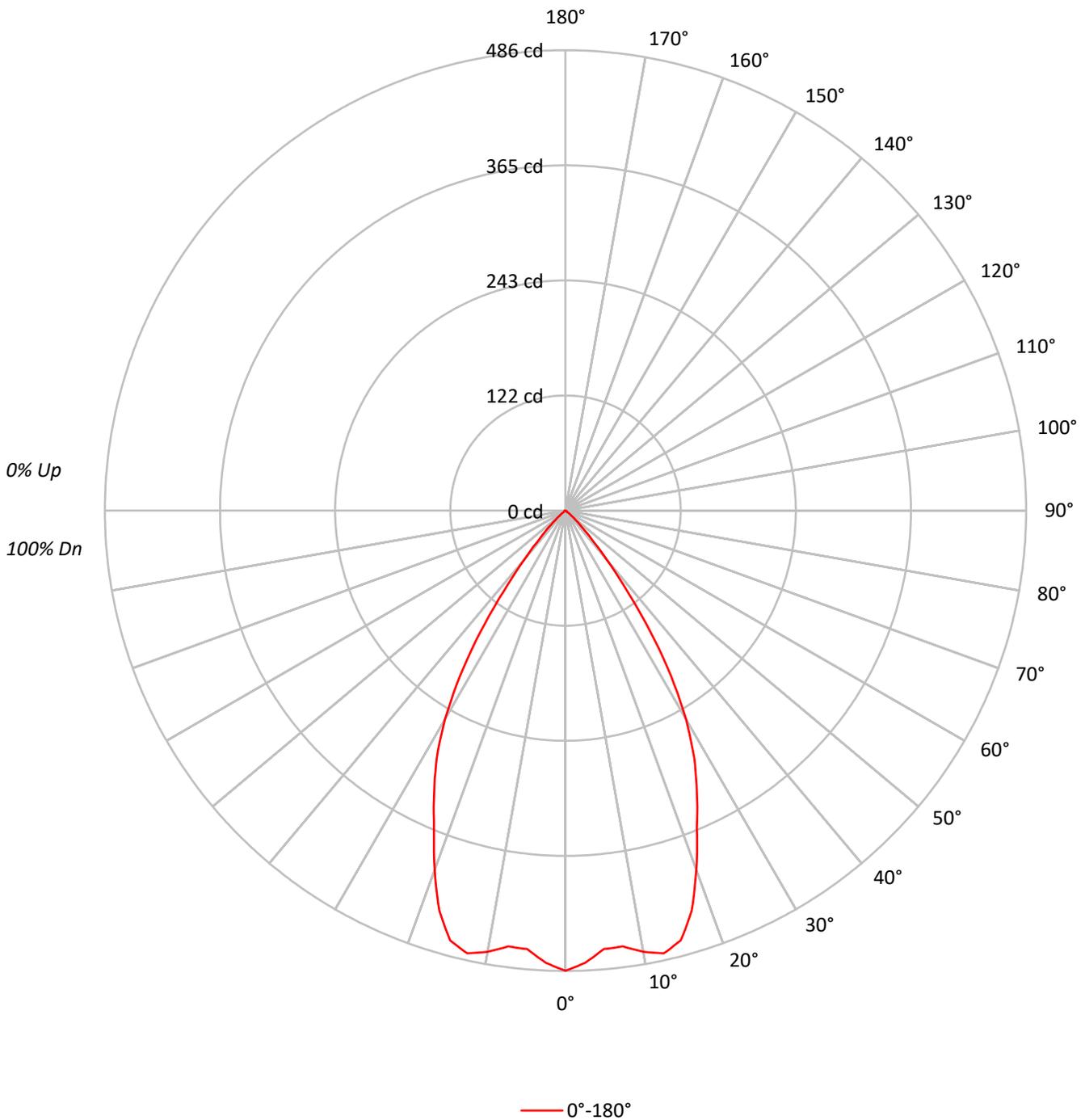
Test Method: LM-79-2019  
Report Number: P1271422  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-40)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R609827DE010 E3CD1MB  
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 98CRI , E3CD1MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 445.9 lumens  
Efficiency: N/A  
Efficacy: 61.9 lumens/watt  
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.91  
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

TEST NUMBER: P1271422  
CATALOG NUMBER: P3AS05R609827DE010 E3CD1MB

### Luminous Intensity Polar Plot





TEST NUMBER: P1271422  
 CATALOG NUMBER: P3AS05R609827DE010 E3CD1MB

**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	100	100
1	114	111	108	106	111	109	106	104	105	103	101	101	100	98	97	96	95	94	94	94	94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87	87	87	87
3	103	96	91	88	101	95	90	87	92	89	85	90	87	84	88	85	83	81	81	81	81
4	98	90	85	81	96	89	84	80	87	83	79	85	81	78	83	80	77	76	76	76	76
5	93	84	79	74	91	84	78	74	82	77	73	80	76	73	79	75	72	71	71	71	71
6	88	79	73	69	87	79	73	69	77	72	68	76	71	68	74	70	68	66	66	66	66
7	84	75	69	64	82	74	68	64	73	68	64	71	67	64	70	66	63	62	62	62	62
8	80	70	64	60	79	70	64	60	69	64	60	68	63	60	67	63	59	58	58	58	58
9	76	66	61	57	75	66	60	56	65	60	56	64	59	56	63	59	56	55	55	55	55
10	72	63	57	53	71	62	57	53	62	56	53	61	56	53	60	56	53	51	51	51	51

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

	0°
0°	106505
5°	102267
10°	105298
15°	106652
20°	94182
25°	79359
30°	64364
35°	41921
40°	19265
45°	7381
50°	2456
55°	650
60°	614
65°	519
70°	449
75°	593
80°	379
85°	755

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 7381 cd/sqm



TEST NUMBER: P1271422  
 CATALOG NUMBER: P3AS05R609827DE010 E3CD1MB

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	44.7	10.0
10°-20°	128.7	28.9
20°-30°	150.1	33.7
30°-40°	96.8	21.7
40°-50°	21.7	4.9
50°-60°	2.2	0.5
60°-70°	1.0	0.2
70°-80°	0.6	0.1
80°-90°	0.2	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°	323.4	72.5
0°-40°	420.3	94.2
0°-60°	444.1	99.6
0°-90°	445.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	445.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	486	
5°	465	45
15°	470	129
25°	328	150
35°	157	97
45°	24	22
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	



TEST NUMBER: P1271422  
CATALOG NUMBER: P3AS05R609827DE010 E3CD1MB

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	485.7
2.5°	477.8
5°	464.6
7.5°	464.0
10°	472.9
12.5°	478.8
15°	469.8
17.5°	442.9
20°	403.6
22.5°	362.5
25°	328.0
27.5°	294.2
30°	254.2
32.5°	207.3
35°	156.6
37.5°	106.9
40°	67.3
42.5°	40.4
45°	23.8
47.5°	13.8
50°	7.2
52.5°	2.4
55°	1.7
57.5°	1.4
60°	1.4
62.5°	1.0
65°	1.0
67.5°	1.0
70°	0.7
72.5°	0.7
75°	0.7
77.5°	0.3
80°	0.3
82.5°	0.3
85°	0.3
87.5°	0.0
90°	0.0

(END OF REPORT)