

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: P1266703

Luminaire Tested: P3AS05R409735DE010 E3CD1MMS

Issue Date: 1/30/2026

**Test Information**

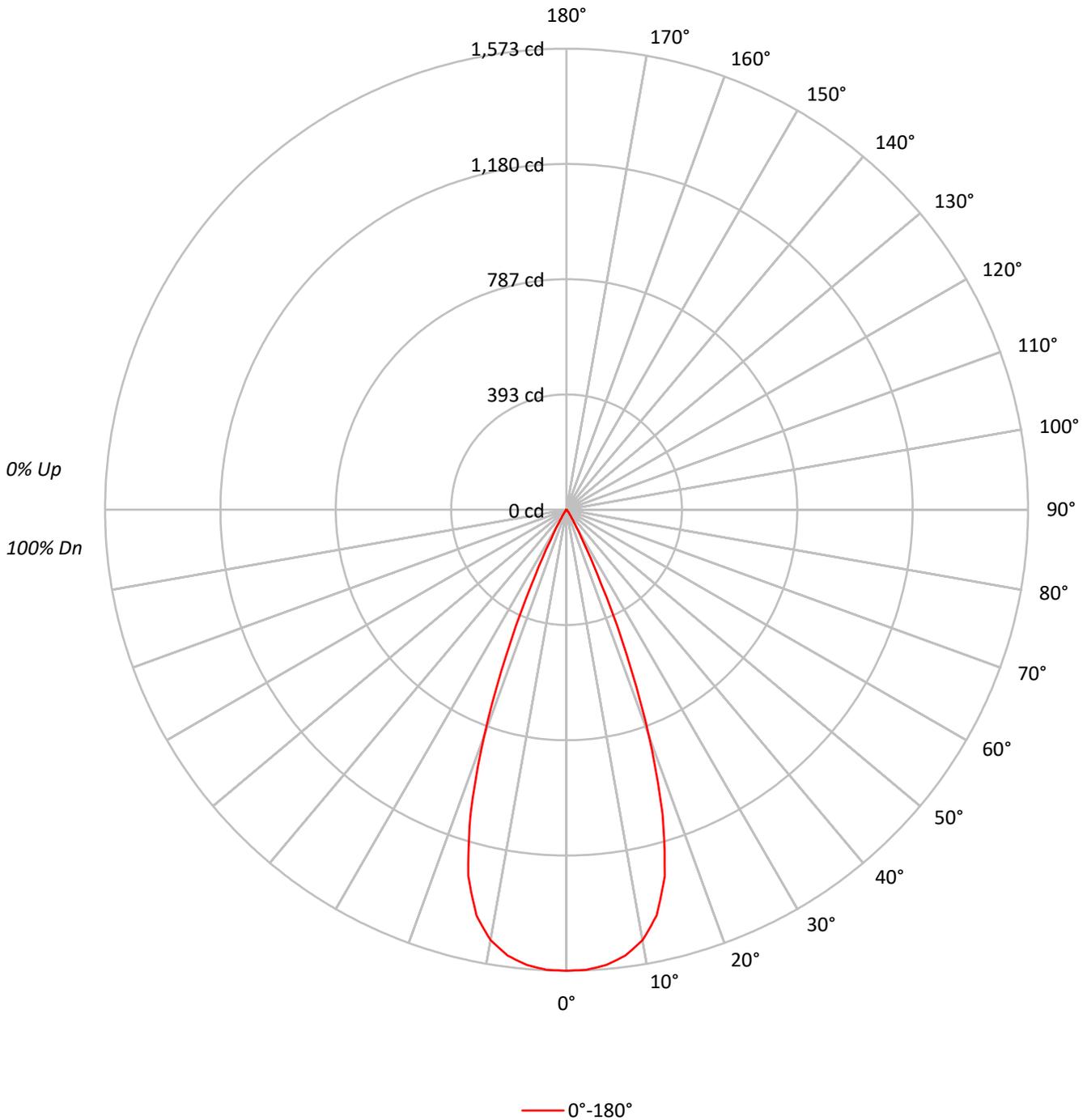
Test Method: LM-79-2019  
Report Number: P1266703  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-24)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R409735DE010 E3CD1MMS  
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 97CRI , E3CD1MMS TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 655.0 lumens  
Efficiency: N/A  
Efficacy: 91.0 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): 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: P1266703  
CATALOG NUMBER: P3AS05R409735DE010 E3CD1MMS

### Luminous Intensity Polar Plot





TEST NUMBER: P1266703

CATALOG NUMBER: P3AS05R409735DE010 E3CD1MMS

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

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

	0°
0°	344885
5°	343208
10°	332036
15°	293759
20°	191653
25°	67891
30°	14407
35°	4738
40°	1746
45°	589
50°	478
55°	535
60°	395
65°	467
70°	321
75°	424
80°	631
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 82.5°  
 Luminance: 840 cd/sqm



TEST NUMBER: P1266703  
 CATALOG NUMBER: P3AS05R409735DE010 E3CD1MMS

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	146.7	22.4
10°-20°	341.7	52.2
20°-30°	148.3	22.6
30°-40°	13.7	2.1
40°-50°	2.0	0.3
50°-60°	1.2	0.2
60°-70°	0.8	0.1
70°-80°	0.5	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°	636.6	97.2
0°-40°	650.3	99.3
0°-60°	653.5	99.8
0°-90°	655.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	655.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1573	
5°	1559	147
15°	1294	342
25°	281	148
35°	18	14
45°	2	2
55°	1	1
65°	1	1
75°	0	1
85°	0	0
90°	0	



TEST NUMBER: P1266703  
CATALOG NUMBER: P3AS05R409735DE010 E3CD1MMS

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1572.8
2.5°	1570.9
5°	1559.2
7.5°	1534.5
10°	1491.2
12.5°	1418.0
15°	1294.0
17.5°	1088.4
20°	821.3
22.5°	533.3
25°	280.6
27.5°	120.7
30°	56.9
32.5°	30.8
35°	17.7
37.5°	10.7
40°	6.1
42.5°	3.3
45°	1.9
47.5°	1.4
50°	1.4
52.5°	1.4
55°	1.4
57.5°	1.4
60°	0.9
62.5°	0.9
65°	0.9
67.5°	0.9
70°	0.5
72.5°	0.5
75°	0.5
77.5°	0.5
80°	0.5
82.5°	0.5
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)