

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: P1266596

Luminaire Tested: P3A05R209735DE010 E3DL1WMH

Issue Date: 1/30/2026

**Test Information**

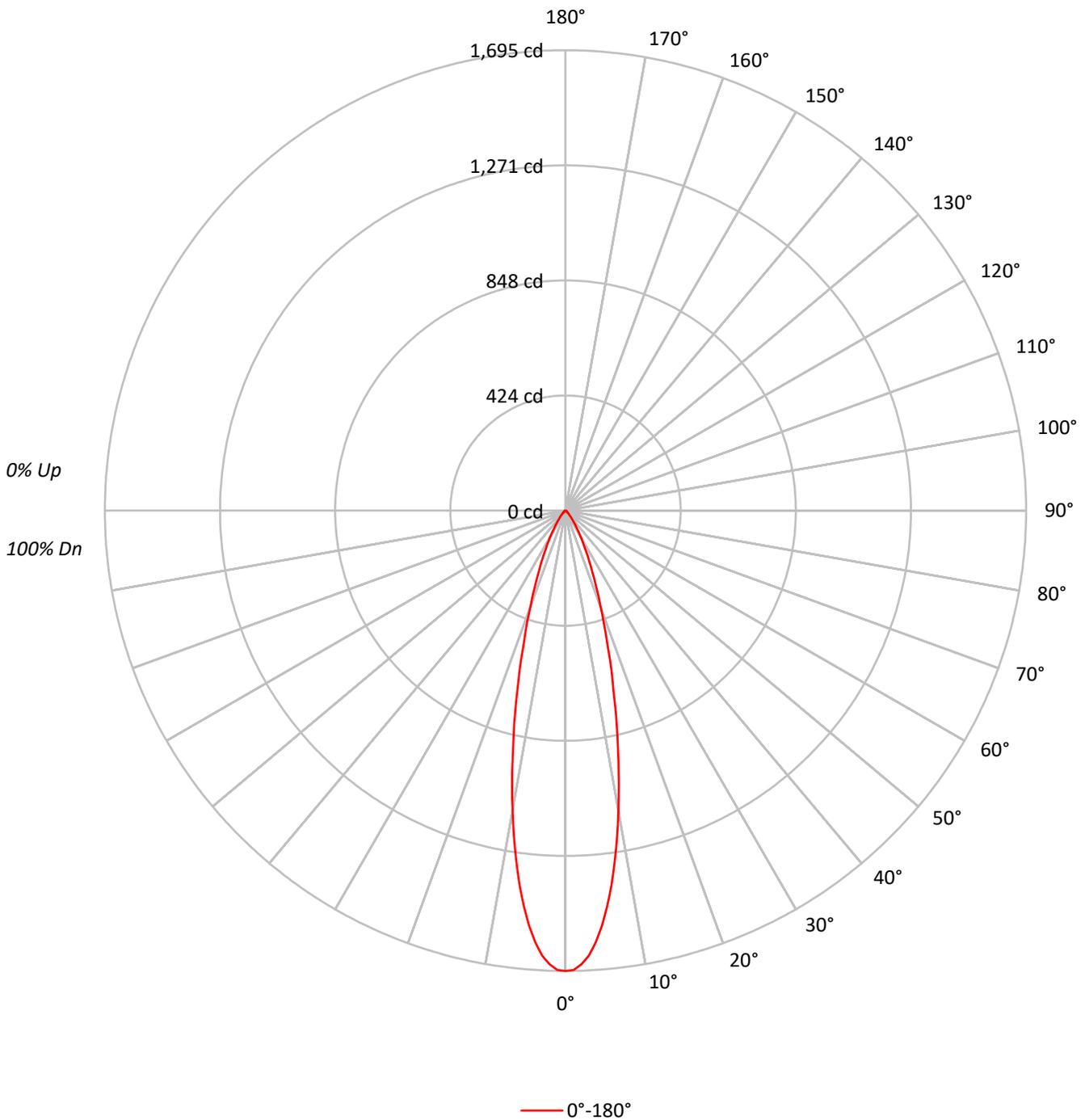
Test Method: LM-79-2019  
Report Number: P1266596  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A05R209735DE010 E3DL1WMH  
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 97CRI , E3DL1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 483.0 lumens  
Efficiency: N/A  
Efficacy: 67.1 lumens/watt  
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46  
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	100	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	95	95
2	110	106	102	100	108	104	101	98	101	98	96	98	96	94	95	94	92	91	91	91	91
3	106	100	96	93	104	99	95	92	97	93	91	94	92	89	92	90	88	87	87	87	87
4	102	96	91	88	100	95	90	87	92	89	86	91	88	85	89	86	84	83	83	83	83
5	98	91	87	83	97	90	86	83	89	85	82	87	84	81	86	83	81	79	79	79	79
6	95	87	83	79	93	87	82	79	85	81	78	84	81	78	83	80	77	76	76	76	76
7	91	84	79	76	90	83	79	76	82	78	75	81	78	75	80	77	75	73	73	73	73
8	88	81	76	73	87	80	76	73	79	75	72	78	75	72	78	74	72	71	71	71	71
9	85	78	73	70	85	77	73	70	77	73	70	76	72	69	75	72	69	68	68	68	68
10	83	75	71	68	82	75	70	67	74	70	67	73	70	67	73	69	67	66	66	66	66

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

	0°
0°	371615
5°	337794
10°	249650
15°	154439
20°	88184
25°	50350
30°	28232
35°	15366
40°	8416
45°	4621
50°	2695
55°	1950
60°	1842
65°	1712
70°	1475
75°	1610
80°	1137
85°	1258

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 4621 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	132.9	27.5
10°-20°	189.7	39.3
20°-30°	99.0	20.5
30°-40°	38.3	7.9
40°-50°	12.4	2.6
50°-60°	4.9	1.0
60°-70°	3.2	0.7
70°-80°	1.9	0.4
80°-90°	0.6	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°	421.6	87.3
0°-40°	459.9	95.2
0°-60°	477.2	98.8
0°-90°	483.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	483.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1695	
5°	1535	133
15°	680	190
25°	208	99
35°	57	38
45°	15	12
55°	5	5
65°	3	3
75°	2	2
85°	0	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1694.7
1°	1691.4
2°	1671.4
3°	1640.6
4°	1593.0
5°	1534.6
6°	1465.6
7°	1389.1
8°	1300.4
9°	1214.1
10°	1121.2
12.5°	891.2
15°	680.3
17.5°	509.1
20°	377.9
22.5°	280.0
25°	208.1
27.5°	153.5
30°	111.5
32.5°	80.7
35°	57.4
37.5°	41.5
40°	29.4
42.5°	21.0
45°	14.9
47.5°	10.7
50°	7.9
52.5°	6.1
55°	5.1
57.5°	4.7
60°	4.2
62.5°	3.7
65°	3.3
67.5°	2.8
70°	2.3
72.5°	2.3
75°	1.9
77.5°	1.4
80°	0.9
82.5°	0.9
85°	0.5
87.5°	0.5
90°	0.0

(END OF REPORT)