

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: P1264595

Luminaire Tested: P3AS09R209730DE010 E3DL1WMH

Issue Date: 1/30/2026

**Test Information**

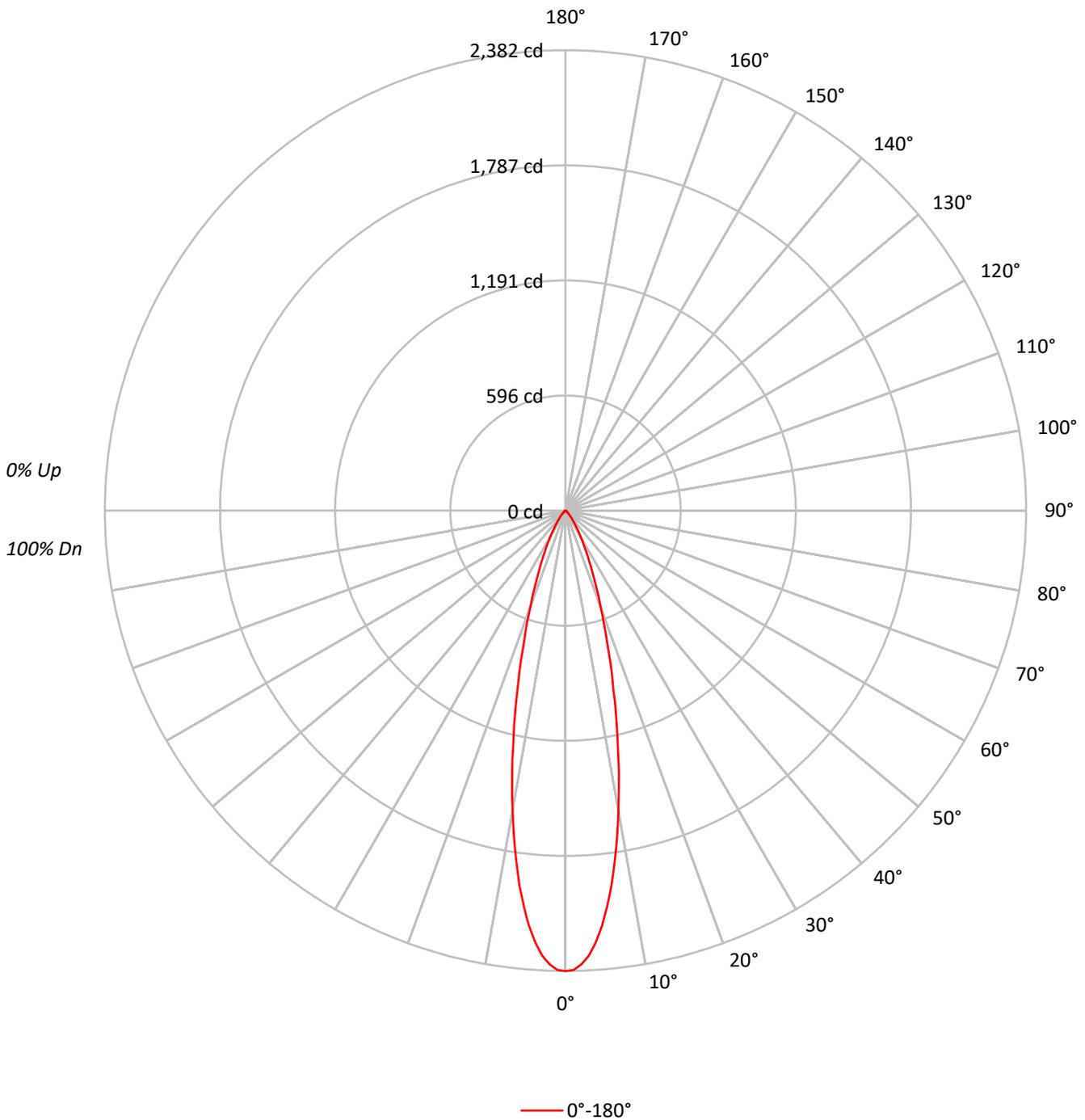
Test Method: LM-79-2019  
Report Number: P1264595  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R209730DE010 E3DL1WMH  
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 97CRI , E3DL1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 679.0 lumens  
Efficiency: N/A  
Efficacy: 61.2 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): 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				
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°	522414
5°	474883
10°	350962
15°	217118
20°	123981
25°	70794
30°	39702
35°	21603
40°	11822
45°	6512
50°	3821
55°	2753
60°	2588
65°	2387
70°	2116
75°	2203
80°	1642
85°	1761

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 6512 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	186.8	27.5
10°-20°	266.7	39.3
20°-30°	139.2	20.5
30°-40°	53.8	7.9
40°-50°	17.5	2.6
50°-60°	6.9	1.0
60°-70°	4.5	0.7
70°-80°	2.7	0.4
80°-90°	0.9	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°	592.7	87.3
0°-40°	646.6	95.2
0°-60°	670.9	98.8
0°-90°	679.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	679.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2382	
5°	2157	187
15°	956	267
25°	293	139
35°	81	54
45°	21	17
55°	7	7
65°	5	5
75°	3	3
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	2382.4
1°	2377.8
2°	2349.6
3°	2306.3
4°	2239.4
5°	2157.4
6°	2060.3
7°	1952.8
8°	1828.1
9°	1706.8
10°	1576.2
12.5°	1252.9
15°	956.4
17.5°	715.6
20°	531.3
22.5°	393.6
25°	292.6
27.5°	215.8
30°	156.8
32.5°	113.5
35°	80.7
37.5°	58.4
40°	41.3
42.5°	29.5
45°	21.0
47.5°	15.1
50°	11.2
52.5°	8.5
55°	7.2
57.5°	6.6
60°	5.9
62.5°	5.2
65°	4.6
67.5°	3.9
70°	3.3
72.5°	3.3
75°	2.6
77.5°	2.0
80°	1.3
82.5°	1.3
85°	0.7
87.5°	0.7
90°	0.0

(END OF REPORT)