

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: P1251906

Luminaire Tested: P3AS13R209030DE010 E3DL1WMH

Issue Date: 1/30/2026

**Test Information**

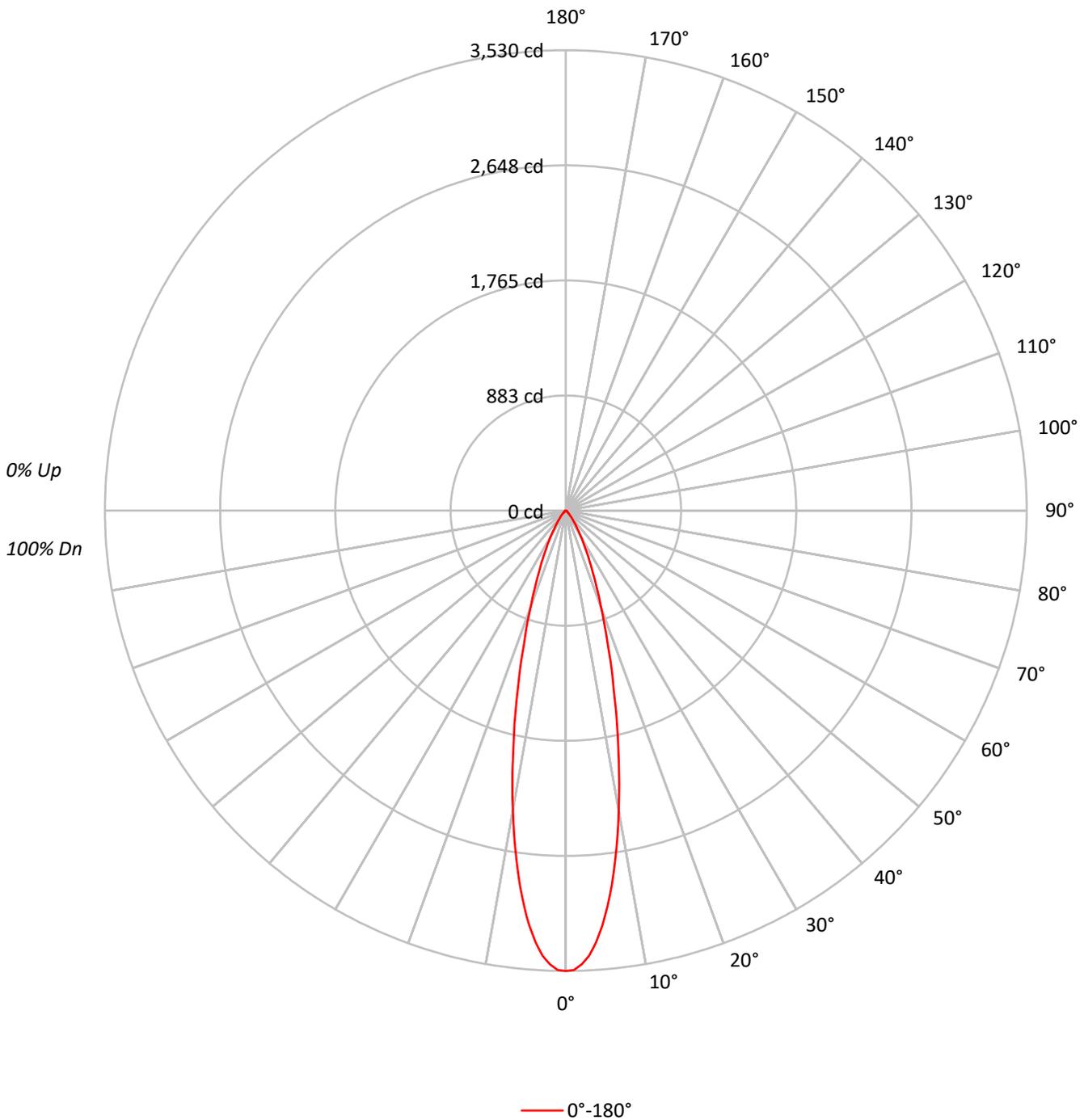
Test Method: LM-79-2019  
Report Number: P1251906  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R209030DE010 E3DL1WMH  
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 90CRI , E3DL1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1006.0 lumens  
Efficiency: N/A  
Efficacy: 68.9 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): 14.6  
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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95		
2	110	106	102	100	108	104	101	98	101	98	96	98	96	94	95	94	92	91		
3	106	100	96	93	104	99	95	92	97	93	91	94	92	89	92	90	88	87		
4	102	96	91	88	100	95	90	87	92	89	86	91	88	85	89	86	84	83		
5	98	91	87	83	97	90	86	83	89	85	82	87	84	81	86	83	81	79		
6	95	87	83	79	93	87	82	79	85	81	78	84	81	78	83	80	77	76		
7	91	84	79	76	90	83	79	76	82	78	75	81	78	75	80	77	75	73		
8	88	81	76	73	87	80	76	73	79	75	72	78	75	72	78	74	72	71		
9	85	78	73	70	85	77	73	70	77	73	70	76	72	69	75	72	69	68		
10	83	75	71	68	82	75	70	67	74	70	67	73	70	67	73	69	67	66		

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

	0°
0°	773995
5°	703586
10°	519986
15°	321659
20°	183696
25°	104861
30°	58819
35°	31989
40°	17519
45°	9644
50°	5629
55°	4091
60°	3815
65°	3528
70°	3142
75°	3304
80°	2399
85°	2516

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 9644 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	276.8	27.5
10°-20°	395.1	39.3
20°-30°	206.2	20.5
30°-40°	79.7	7.9
40°-50°	25.9	2.6
50°-60°	10.2	1.0
60°-70°	6.7	0.7
70°-80°	4.0	0.4
80°-90°	1.3	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°	878.2	87.3
0°-40°	957.9	95.2
0°-60°	993.9	98.8
0°-90°	1006.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1006.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	3530	
5°	3196	277
15°	1417	395
25°	433	206
35°	120	80
45°	31	26
55°	11	10
65°	7	7
75°	4	4
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	3529.7
1°	3522.9
2°	3481.1
3°	3417.0
4°	3317.9
5°	3196.4
6°	3052.6
7°	2893.2
8°	2708.5
9°	2528.7
10°	2335.3
12.5°	1856.2
15°	1416.9
17.5°	1060.3
20°	787.2
22.5°	583.1
25°	433.4
27.5°	319.7
30°	232.3
32.5°	168.1
35°	119.5
37.5°	86.5
40°	61.2
42.5°	43.7
45°	31.1
47.5°	22.4
50°	16.5
52.5°	12.6
55°	10.7
57.5°	9.7
60°	8.7
62.5°	7.8
65°	6.8
67.5°	5.8
70°	4.9
72.5°	4.9
75°	3.9
77.5°	2.9
80°	1.9
82.5°	1.9
85°	1.0
87.5°	1.0
90°	0.0

(END OF REPORT)