

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: P1274654

Luminaire Tested: P3AS20R209830D010 E3DL1WMH

Issue Date: 1/30/2026

**Test Information**

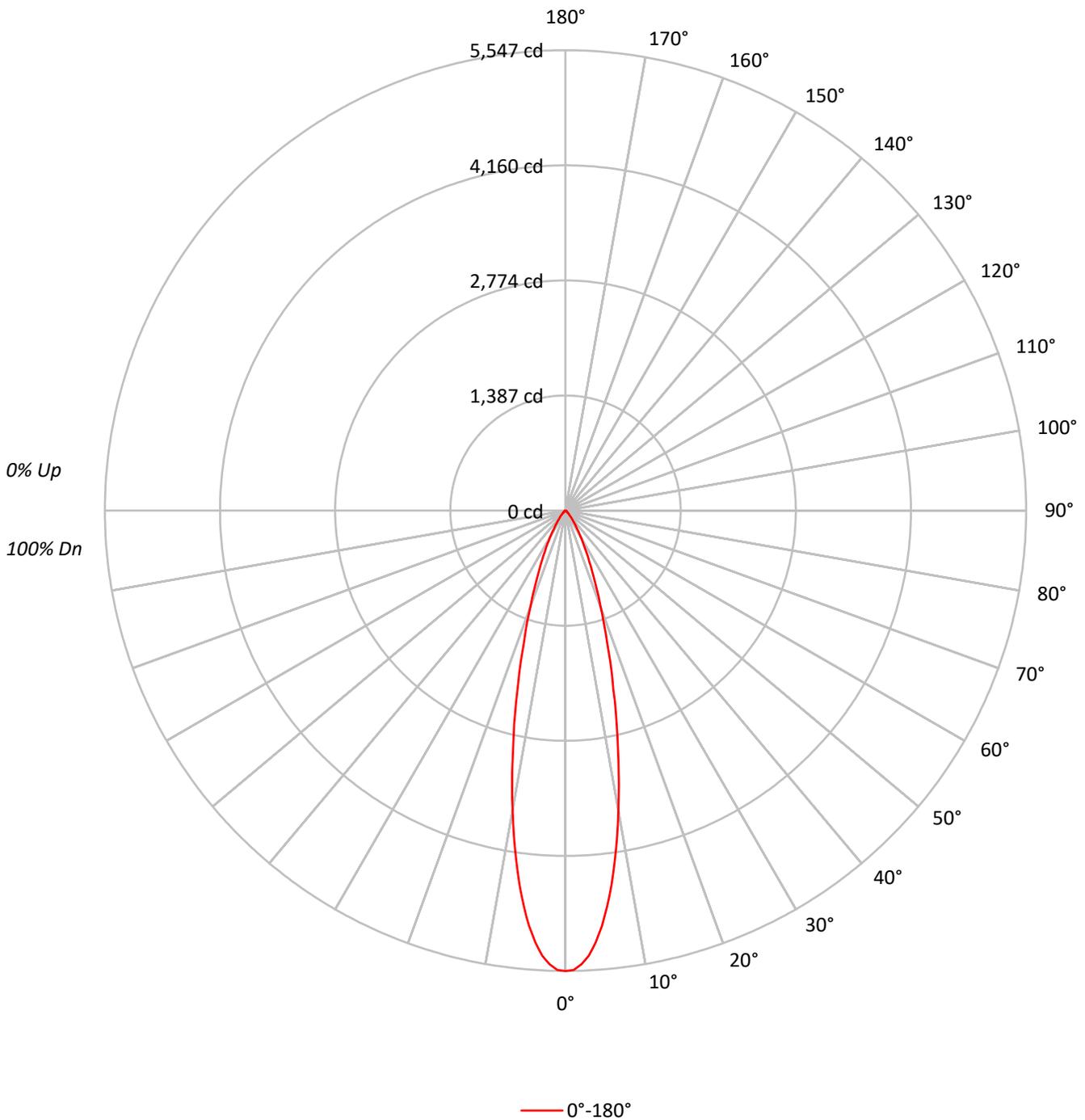
Test Method: LM-79-2019  
Report Number: P1274654  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS20R209830D010 E3DL1WMH  
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 98CRI , E3DL1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1581.0 lumens  
Efficiency: N/A  
Efficacy: 57.7 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): 27.4  
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		0
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°	1216394
5°	1105742
10°	817197
15°	505519
20°	288682
25°	164816
30°	92419
35°	50299
40°	27537
45°	15164
50°	8870
55°	6423
60°	6008
65°	5552
70°	4873
75°	5168
80°	3915
85°	3774

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 15164 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	435.0	27.5
10°-20°	621.0	39.3
20°-30°	324.1	20.5
30°-40°	125.3	7.9
40°-50°	40.7	2.6
50°-60°	16.0	1.0
60°-70°	10.6	0.7
70°-80°	6.2	0.4
80°-90°	2.1	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°	1380.1	87.3
0°-40°	1505.4	95.2
0°-60°	1562.1	98.8
0°-90°	1581.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1581.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	5547	
5°	5023	435
15°	2227	621
25°	681	324
35°	188	125
45°	49	41
55°	17	16
65°	11	11
75°	6	6
85°	2	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	5547.2
1°	5536.5
2°	5470.9
3°	5370.1
4°	5214.3
5°	5023.4
6°	4797.3
7°	4546.8
8°	4256.6
9°	3974.1
10°	3670.1
12.5°	2917.2
15°	2226.8
17.5°	1666.3
20°	1237.1
22.5°	916.4
25°	681.2
27.5°	502.5
30°	365.0
32.5°	264.2
35°	187.9
37.5°	135.9
40°	96.2
42.5°	68.7
45°	48.9
47.5°	35.1
50°	26.0
52.5°	19.9
55°	16.8
57.5°	15.3
60°	13.7
62.5°	12.2
65°	10.7
67.5°	9.2
70°	7.6
72.5°	7.6
75°	6.1
77.5°	4.6
80°	3.1
82.5°	3.1
85°	1.5
87.5°	1.5
90°	0.0

(END OF REPORT)