

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: P1260989

Luminaire Tested: P3AS24R209050D010 E3DLD1WMH

Issue Date: 1/30/2026

**Test Information**

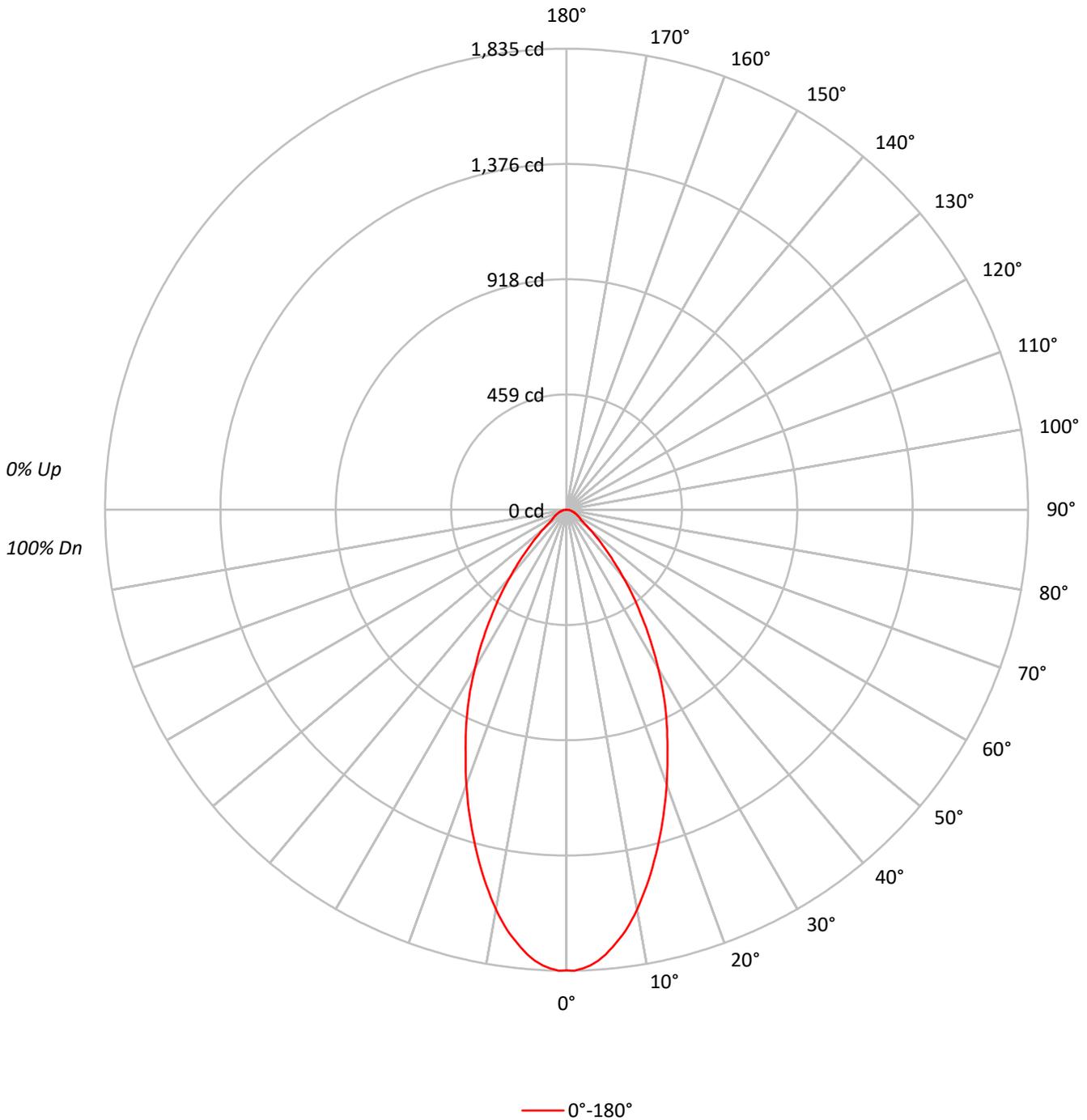
Test Method: LM-79-2019  
Report Number: P1260989  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS24R209050D010 E3DLD1WMH  
Description: 3in Adjustable LED luminaire with, R20 optic, 5000K CCT AND, 90CRI , E3DLD1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1625.0 lumens  
Efficiency: N/A  
Efficacy: 56.4 lumens/watt  
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 28.8  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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
1	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91			91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	90	87	85	83			83
3	100	93	87	82	98	91	86	82	88	84	80	86	82	79	84	81	78	76			76
4	94	86	79	75	92	85	79	74	82	77	73	80	76	72	78	75	72	70			70
5	89	80	73	68	87	79	73	68	77	71	67	75	70	67	73	69	66	65			65
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60			60
7	80	69	63	58	78	69	62	58	67	62	58	66	61	57	65	60	57	55			55
8	75	65	59	54	74	64	58	54	63	58	54	62	57	53	61	57	53	52			52
9	72	61	55	50	70	61	55	50	60	54	50	59	54	50	58	53	50	48			48
10	68	58	51	47	67	57	51	47	56	51	47	56	51	47	55	50	47	45			45

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

	0°
0°	401941
5°	391216
10°	359891
15°	316778
20°	271670
25°	228231
30°	184509
35°	140351
40°	99873
45°	65929
50°	40834
55°	26838
60°	24428
65°	22467
70°	21157
75°	19232
80°	18184
85°	15599

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 65929 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	164.4	10.1
10°-20°	388.5	23.9
20°-30°	431.2	26.5
30°-40°	328.9	20.2
40°-50°	168.4	10.4
50°-60°	69.2	4.3
60°-70°	43.1	2.7
70°-80°	24.2	1.5
80°-90°	7.0	0.4
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°	984.1	60.6
0°-40°	1313.0	80.8
0°-60°	1550.6	95.4
0°-90°	1625.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1625.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1833	
5°	1777	164
15°	1395	388
25°	943	431
35°	524	329
45°	213	168
55°	70	69
65°	43	43
75°	23	24
85°	6	7
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1833.0
1°	1835.1
2°	1826.8
3°	1816.5
4°	1800.0
5°	1777.3
6°	1750.4
7°	1721.5
8°	1690.6
9°	1653.4
10°	1616.3
12.5°	1508.9
15°	1395.4
17.5°	1279.8
20°	1164.2
22.5°	1048.6
25°	943.3
27.5°	838.1
30°	728.7
32.5°	625.5
35°	524.3
37.5°	435.5
40°	348.9
42.5°	274.5
45°	212.6
47.5°	161.0
50°	119.7
52.5°	88.8
55°	70.2
57.5°	64.0
60°	55.7
62.5°	49.5
65°	43.3
67.5°	37.2
70°	33.0
72.5°	26.8
75°	22.7
77.5°	18.6
80°	14.4
82.5°	10.3
85°	6.2
87.5°	2.1
90°	0.0

(END OF REPORT)