

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: P1260992

Luminaire Tested: P3AS24R209050D010 E3PHLD1MW

Issue Date: 1/29/2026

**Test Information**

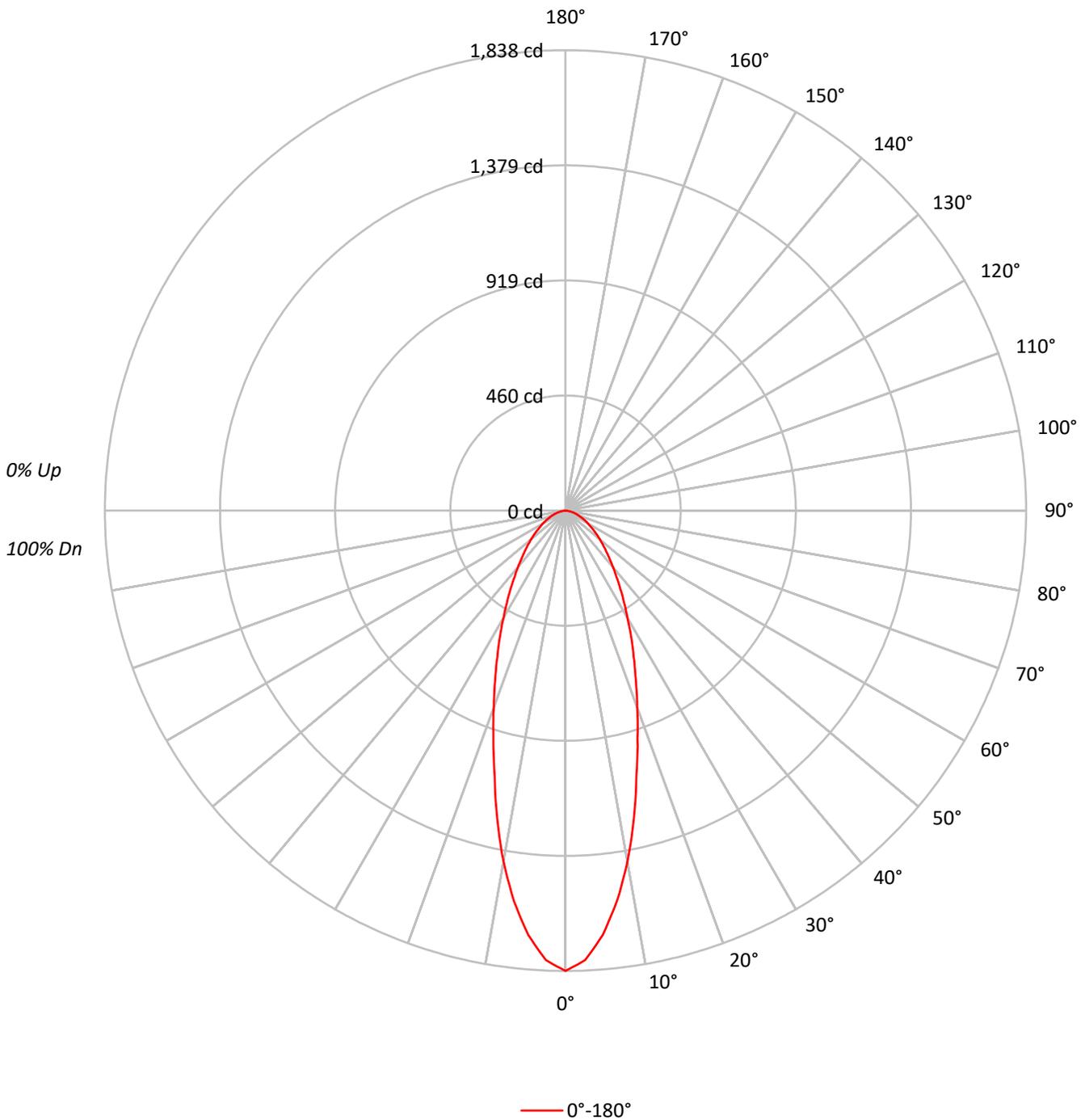
Test Method: LM-79-2019  
Report Number: P1260992  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS24R209050D010 E3PHLD1MW  
Description: 3in Adjustable LED luminaire with, R20 optic, 5000K CCT AND, 90CRI , E3PHLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1421.0 lumens  
Efficiency: N/A  
Efficacy: 49.3 lumens/watt  
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.68  
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

TEST NUMBER: P1260992  
CATALOG NUMBER: P3AS24R209050D010 E3PHLD1MW

### Luminous Intensity Polar Plot





TEST NUMBER: P1260992  
 CATALOG NUMBER: P3AS24R209050D010 E3PHLD1MW

**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	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	90	90	90	90
2	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	85	82	80	80	80	80
3	98	90	83	78	95	88	82	78	85	81	77	83	79	75	80	77	74	72	72	72	72
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	66	66	66	66
5	86	76	69	64	84	75	68	63	73	67	63	71	66	62	70	65	62	60	60	60	60
6	81	70	63	58	79	70	63	58	68	62	58	66	61	57	65	60	57	55	55	55	55
7	76	66	59	54	75	65	58	53	64	58	53	62	57	53	61	56	53	51	51	51	51
8	72	61	54	50	71	61	54	50	60	54	49	58	53	49	57	53	49	47	47	47	47
9	69	58	51	46	67	57	51	46	56	50	46	55	50	46	54	49	46	44	44	44	44
10	65	54	48	43	64	54	48	43	53	47	43	52	47	43	51	46	43	41	41	41	41

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

	0°
0°	402994
5°	374377
10°	317028
15°	248151
20°	195317
25°	155670
30°	125184
35°	102071
40°	84415
45°	71139
50°	60962
55°	52376
60°	45742
65°	40160
70°	34365
75°	30246
80°	22604
85°	15096

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 71139 cd/sqm



TEST NUMBER: P1260992  
 CATALOG NUMBER: P3AS24R209050D010 E3PHLD1MW

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	153.5	10.8
10°-20°	306.0	21.5
20°-30°	297.2	20.9
30°-40°	240.1	16.9
40°-50°	178.4	12.6
50°-60°	123.9	8.7
60°-70°	77.6	5.5
70°-80°	37.7	2.7
80°-90°	6.5	0.5
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°	756.7	53.3
0°-40°	996.8	70.2
0°-60°	1299.2	91.4
0°-90°	1421.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1421.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1838	
5°	1701	154
15°	1093	306
25°	643	297
35°	381	240
45°	229	178
55°	137	124
65°	77	78
75°	36	38
85°	6	6
90°	0	



TEST NUMBER: P1260992  
CATALOG NUMBER: P3AS24R209050D010 E3PHLD1MW

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1837.8
2.5°	1796.1
5°	1700.8
7.5°	1572.7
10°	1423.8
12.5°	1259.9
15°	1093.1
17.5°	956.1
20°	837.0
22.5°	732.7
25°	643.4
27.5°	565.9
30°	494.4
32.5°	434.9
35°	381.3
37.5°	333.6
40°	294.9
42.5°	259.1
45°	229.4
47.5°	202.5
50°	178.7
52.5°	157.9
55°	137.0
57.5°	119.1
60°	104.3
62.5°	92.3
65°	77.4
67.5°	65.5
70°	53.6
72.5°	44.7
75°	35.7
77.5°	26.8
80°	17.9
82.5°	8.9
85°	6.0
87.5°	0.0
90°	0.0

(END OF REPORT)