

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: P1287429

Luminaire Tested: P3AS17R209030D2WDE010 E3PHLP1MW

Issue Date: 1/29/2026

**Test Information**

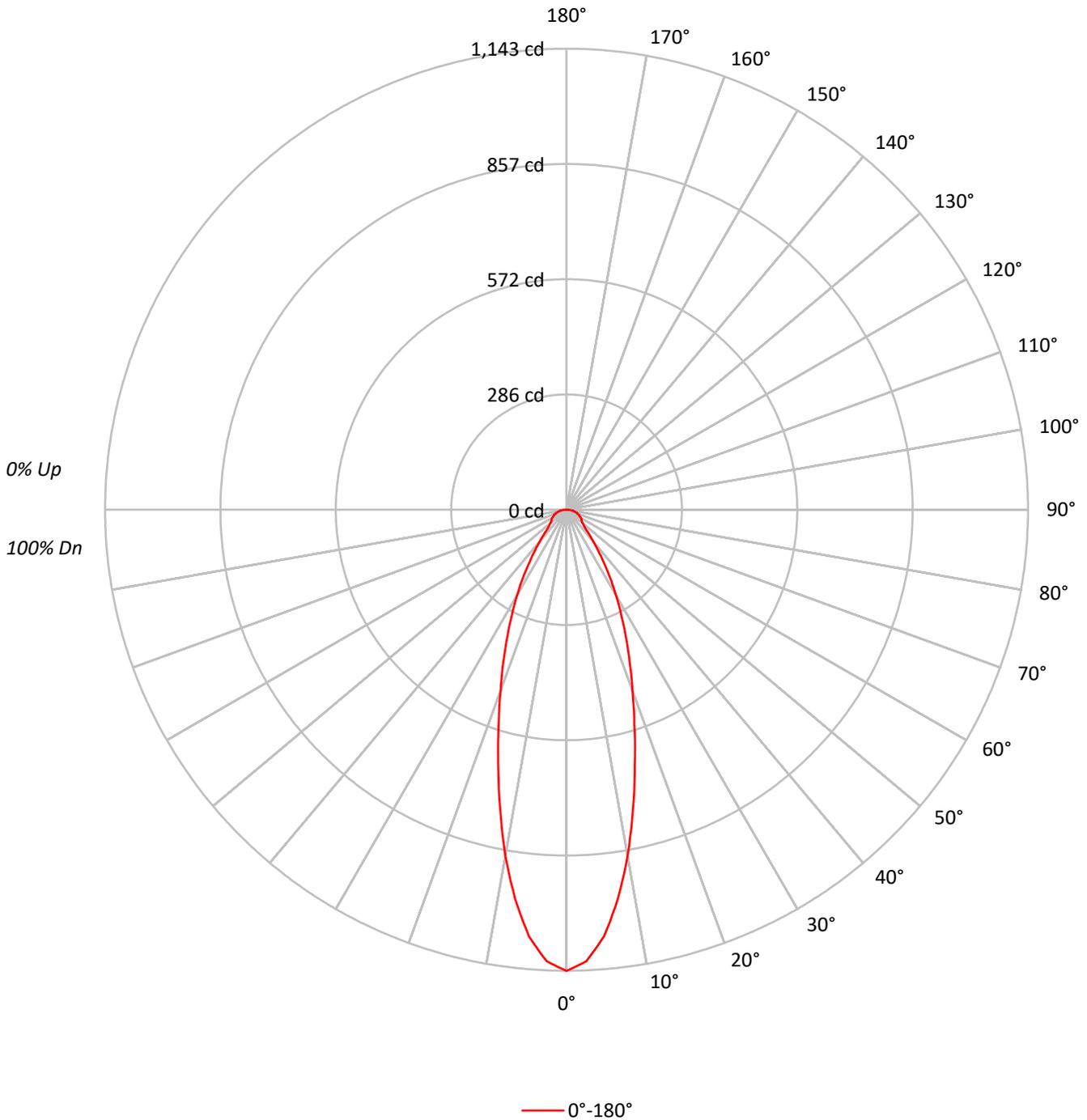
Test Method: LM-79-2019  
Report Number: P1287429  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-6)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R209030D2WDE010 E3PHLP1MW  
Description: 3in Adjustable Dim to Warm LED luminaire with, R20 optic, 3000K CCT AND, 90CRI ,  
E3PHLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 704.9 lumens  
Efficiency: N/A  
Efficacy: 25.8 lumens/watt  
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 27.3  
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
1	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	90			90
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81			81
3	99	91	85	80	97	90	84	80	87	82	78	84	80	77	82	79	76	74			74
4	93	84	78	73	91	83	77	73	81	76	72	79	74	71	77	73	70	68			68
5	88	79	72	67	86	78	71	67	76	70	66	74	69	66	72	68	65	63			63
6	84	74	67	62	82	73	66	62	71	66	61	70	65	61	68	64	61	59			59
7	79	69	63	58	78	68	62	58	67	62	57	66	61	57	65	60	57	55			55
8	76	65	59	54	74	65	58	54	64	58	54	62	57	54	61	57	53	52			52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49			49
10	69	59	52	48	68	58	52	48	57	52	48	57	52	48	56	51	48	46			46

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

	0°
0°	250704
5°	233854
10°	194051
15°	148378
20°	111356
25°	83835
30°	61984
35°	43313
40°	29684
45°	20591
50°	17705
55°	17433
60°	18200
65°	18316
70°	18593
75°	19317
80°	20962
85°	20882

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 82.5°  
 Luminance: 24360 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	95.2	13.5
10°-20°	181.7	25.8
20°-30°	159.9	22.7
30°-40°	103.2	14.6
40°-50°	54.7	7.8
50°-60°	41.1	5.8
60°-70°	34.9	5.0
70°-80°	24.6	3.5
80°-90°	9.6	1.4
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°	436.8	62.0
0°-40°	540.0	76.6
0°-60°	635.8	90.2
0°-90°	704.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	704.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1143	
5°	1062	95
15°	654	182
25°	346	160
35°	162	103
45°	66	55
55°	46	41
65°	35	35
75°	23	25
85°	8	10
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1143.3
2.5°	1120.5
5°	1062.4
7.5°	973.2
10°	871.5
12.5°	759.4
15°	653.6
17.5°	558.2
20°	477.2
22.5°	408.8
25°	346.5
27.5°	292.6
30°	244.8
32.5°	201.3
35°	161.8
37.5°	130.7
40°	103.7
42.5°	83.0
45°	66.4
47.5°	58.1
50°	51.9
52.5°	47.7
55°	45.6
57.5°	43.6
60°	41.5
62.5°	37.3
65°	35.3
67.5°	33.2
70°	29.0
72.5°	27.0
75°	22.8
77.5°	20.7
80°	16.6
82.5°	14.5
85°	8.3
87.5°	4.1
90°	0.0

(END OF REPORT)