

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: P1287428

Luminaire Tested: P3AS17R209030D2WDE010 E3PHLD1MW

Issue Date: 1/29/2026

**Test Information**

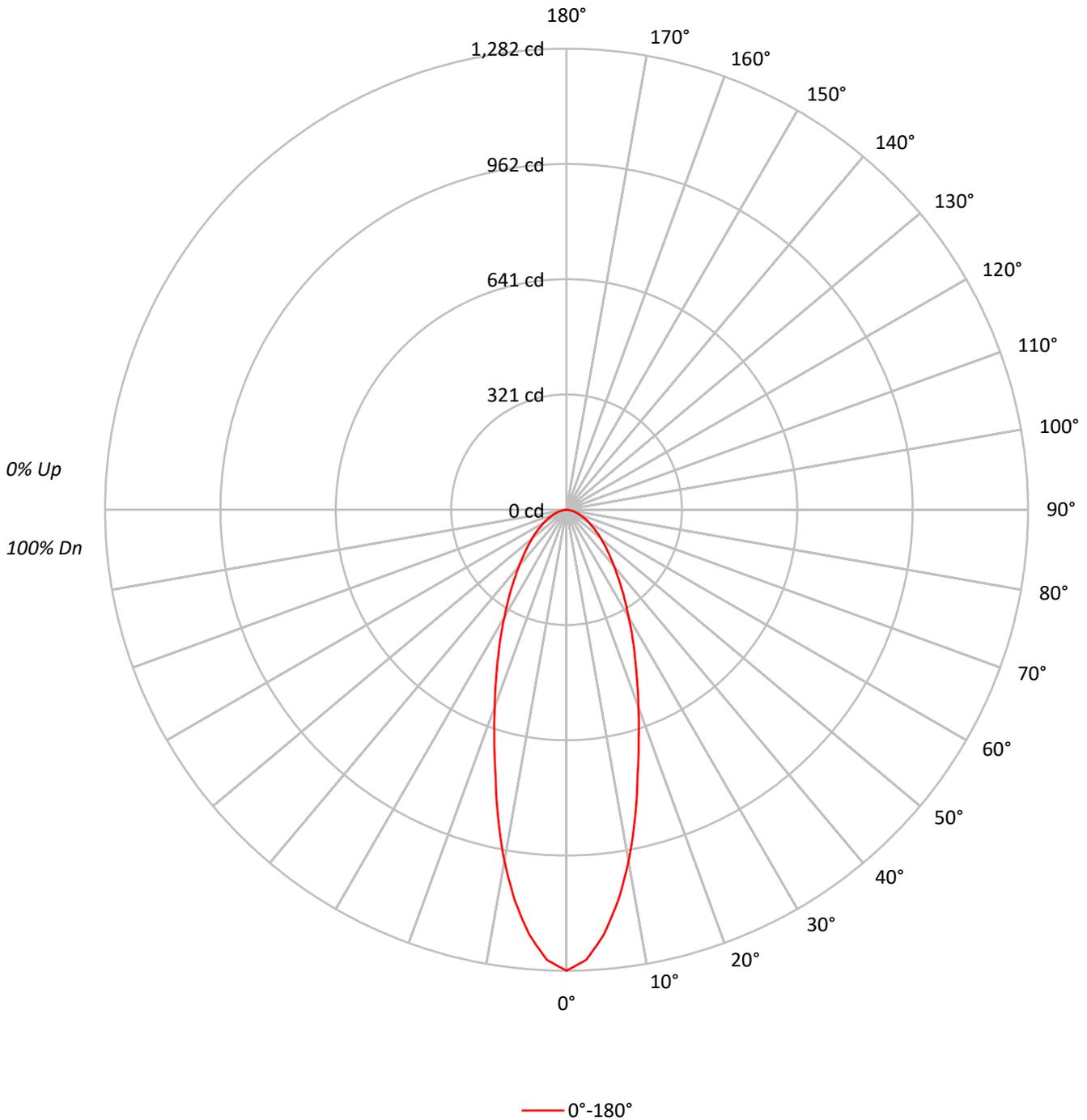
Test Method: LM-79-2019  
Report Number: P1287428  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R209030D2WDE010 E3PHLD1MW  
Description: 3in Adjustable Dim to Warm LED luminaire with, R20 optic, 3000K CCT AND, 90CRI ,  
E3PHLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 991.0 lumens  
Efficiency: N/A  
Efficacy: 36.3 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): 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	102	102	102	100
1	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	95	93	92	90
2	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	85	82	87	85	82	80
3	98	90	83	78	95	88	82	78	85	81	77	83	79	75	80	77	74	80	77	74	72
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	75	71	67	66
5	86	76	69	64	84	75	68	63	73	67	63	71	66	62	70	65	62	70	65	62	60
6	81	70	63	58	79	70	63	58	68	62	58	66	61	57	65	60	57	65	60	57	55
7	76	66	59	54	75	65	58	53	63	58	53	62	57	53	61	56	53	61	56	53	51
8	72	61	54	50	71	61	54	50	60	54	49	58	53	49	57	53	49	57	53	49	47
9	69	58	51	46	67	57	51	46	56	50	46	55	50	46	54	49	46	54	49	46	44
10	65	54	48	43	64	54	48	43	53	47	43	52	47	43	51	46	43	51	46	43	41

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

	0°
0°	281052
5°	261082
10°	221083
15°	173077
20°	136209
25°	108563
30°	87305
35°	71179
40°	58853
45°	49587
50°	42506
55°	36548
60°	31883
65°	28019
70°	23978
75°	21096
80°	15785
85°	10567

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 49587 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	107.1	10.8
10°-20°	213.4	21.5
20°-30°	207.2	20.9
30°-40°	167.4	16.9
40°-50°	124.4	12.6
50°-60°	86.4	8.7
60°-70°	54.2	5.5
70°-80°	26.3	2.7
80°-90°	4.5	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°	527.7	53.3
0°-40°	695.2	70.1
0°-60°	906.1	91.4
0°-90°	991.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	991.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1282	
5°	1186	107
15°	762	213
25°	449	207
35°	266	167
45°	160	124
55°	96	86
65°	54	54
75°	25	26
85°	4	5
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1281.7
2.5°	1252.6
5°	1186.1
7.5°	1096.8
10°	992.9
12.5°	878.7
15°	762.4
17.5°	666.8
20°	583.7
22.5°	511.0
25°	448.7
27.5°	394.7
30°	344.8
32.5°	303.3
35°	265.9
37.5°	232.7
40°	205.6
42.5°	180.7
45°	159.9
47.5°	141.3
50°	124.6
52.5°	110.1
55°	95.6
57.5°	83.1
60°	72.7
62.5°	64.4
65°	54.0
67.5°	45.7
70°	37.4
72.5°	31.2
75°	24.9
77.5°	18.7
80°	12.5
82.5°	6.2
85°	4.2
87.5°	0.0
90°	0.0

(END OF REPORT)