

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: P1286738

Luminaire Tested: P3AS09R209030D2WDE010 E3PHLD1MW

Issue Date: 1/29/2026

**Test Information**

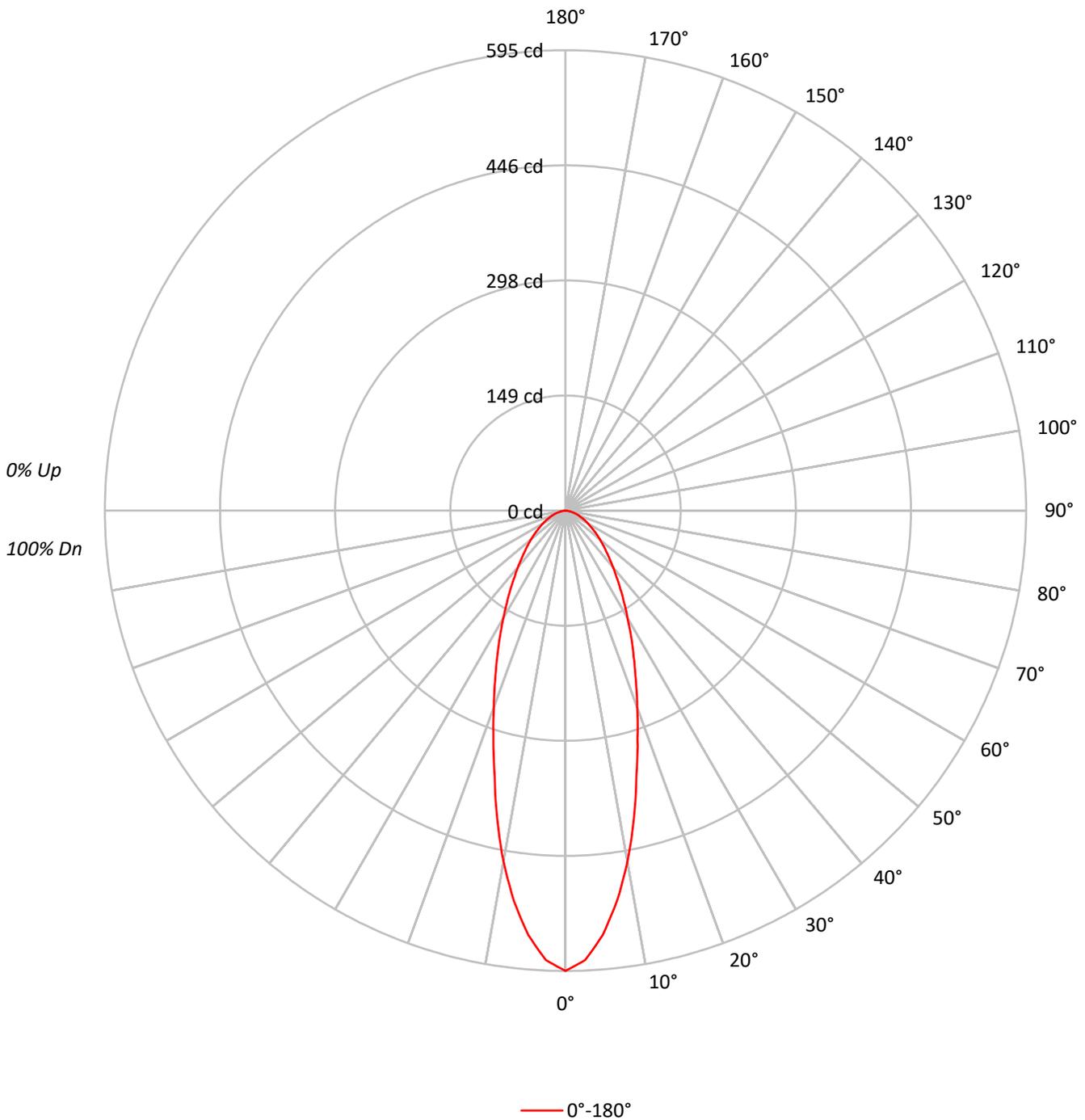
Test Method: LM-79-2019  
Report Number: P1286738  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-10)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R209030D2WDE010 E3PHLD1MW  
Description: 3in Adjustable 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: 460.1 lumens  
Efficiency: N/A  
Efficacy: 31.3 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): 14.7  
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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	90		
2	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	85	82	80		
3	98	90	83	78	95	88	82	78	85	81	77	83	79	75	80	77	74	72		
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	66		
5	86	76	69	64	84	75	68	63	73	67	63	71	66	62	70	65	62	60		
6	81	70	63	58	79	70	63	58	68	62	58	66	61	57	65	60	57	55		
7	76	66	59	54	75	65	58	53	63	57	53	62	57	53	61	56	53	51		
8	72	61	54	50	71	61	54	50	60	54	49	58	53	49	57	53	49	47		
9	69	58	51	46	67	57	51	46	56	50	46	55	50	46	54	49	46	44		
10	65	54	48	43	64	54	48	43	53	47	43	52	47	43	51	46	43	41		

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

	0°
0°	130450
5°	121197
10°	102626
15°	80341
20°	63215
25°	50398
30°	40538
35°	33033
40°	27337
45°	23010
50°	19752
55°	16974
60°	14780
65°	13023
70°	11156
75°	9828
80°	7324
85°	4780

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 23010 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	49.7	10.8
10°-20°	99.1	21.5
20°-30°	96.2	20.9
30°-40°	77.7	16.9
40°-50°	57.8	12.6
50°-60°	40.1	8.7
60°-70°	25.1	5.5
70°-80°	12.2	2.7
80°-90°	2.1	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°	245.0	53.2
0°-40°	322.7	70.1
0°-60°	420.6	91.4
0°-90°	460.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	460.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	595	
5°	551	50
15°	354	99
25°	208	96
35°	123	78
45°	74	58
55°	44	40
65°	25	25
75°	12	12
85°	2	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	594.9
2.5°	581.4
5°	550.6
7.5°	509.1
10°	460.9
12.5°	407.9
15°	353.9
17.5°	309.5
20°	270.9
22.5°	237.2
25°	208.3
27.5°	183.2
30°	160.1
32.5°	140.8
35°	123.4
37.5°	108.0
40°	95.5
42.5°	83.9
45°	74.2
47.5°	65.6
50°	57.9
52.5°	51.1
55°	44.4
57.5°	38.6
60°	33.7
62.5°	29.9
65°	25.1
67.5°	21.2
70°	17.4
72.5°	14.5
75°	11.6
77.5°	8.7
80°	5.8
82.5°	2.9
85°	1.9
87.5°	0.0
90°	0.0

(END OF REPORT)