

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: P1274382

Luminaire Tested: P3AS17R309830DE010 E3PHLD1MW

Issue Date: 1/29/2026

**Test Information**

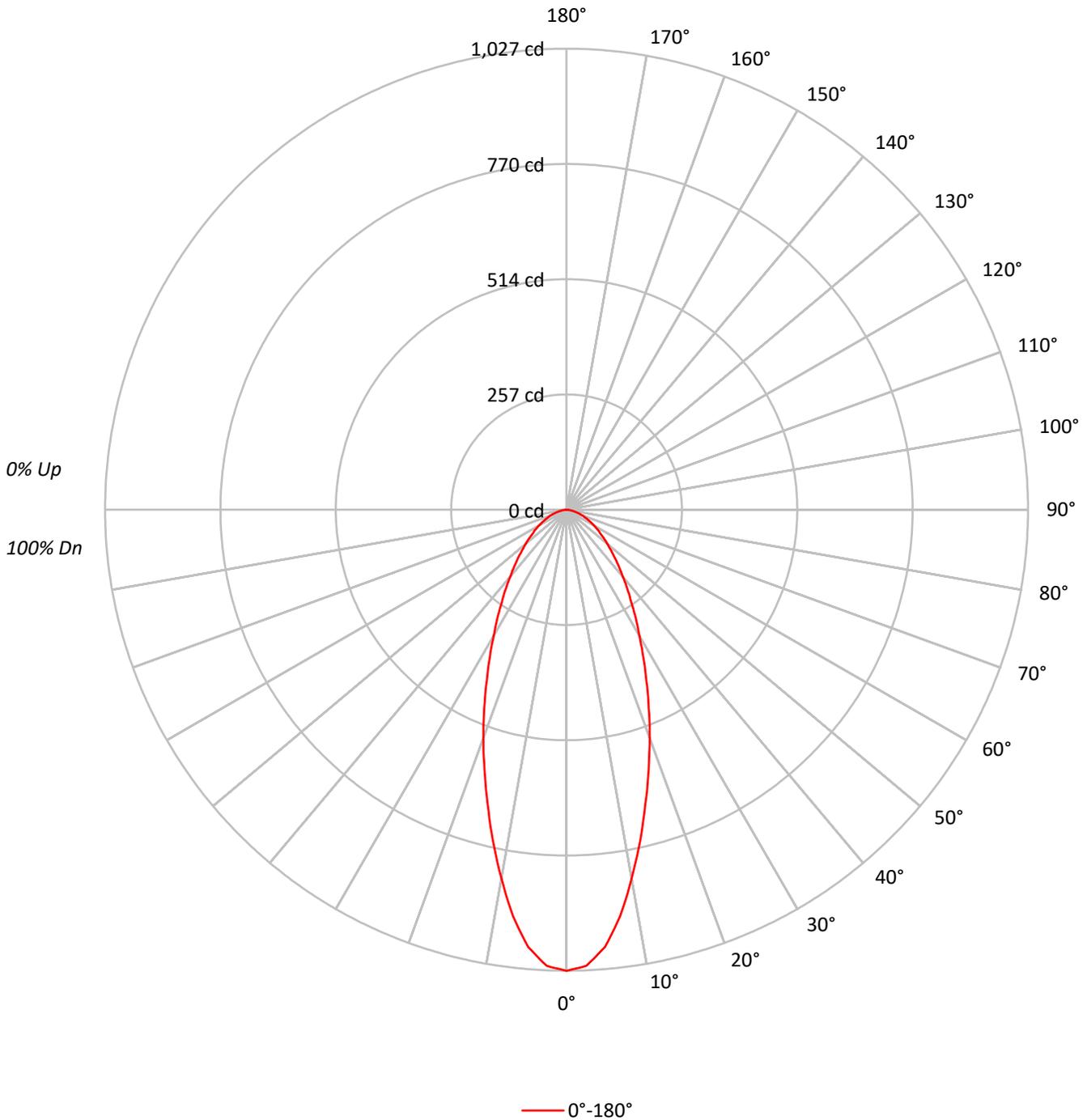
Test Method: LM-79-2019  
Report Number: P1274382  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-12)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R309830DE010 E3PHLD1MW  
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 98CRI , E3PHLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 914.0 lumens  
Efficiency: N/A  
Efficacy: 44.8 lumens/watt  
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 20.4  
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	112	108	105	102	109	106	103	100	102	99	97	98	96	94	94	93	91	90			90
2	104	98	93	88	102	96	91	87	93	89	85	90	86	83	87	84	82	80			80
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	76	73	71			71
4	91	82	75	69	89	80	74	69	78	72	68	76	71	67	74	70	66	65			65
5	85	75	68	63	84	74	67	62	72	66	62	70	65	61	69	64	61	59			59
6	80	69	62	57	79	69	62	57	67	61	56	65	60	56	64	59	56	54			54
7	76	65	57	52	74	64	57	52	62	56	52	61	56	52	60	55	51	50			50
8	71	60	53	48	70	60	53	48	58	52	48	57	52	48	56	51	48	46			46
9	68	57	50	45	66	56	49	45	55	49	45	54	49	45	53	48	44	43			43
10	64	53	47	42	63	53	46	42	52	46	42	51	46	42	50	45	42	40			40

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

	0°
0°	225223
5°	215254
10°	185679
15°	153917
20°	126174
25°	101691
30°	81962
35°	67137
40°	55790
45°	47292
50°	40459
55°	34981
60°	31226
65°	27240
70°	23914
75°	20079
80°	15027
85°	8554

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 47292 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	88.7	9.7
10°-20°	189.1	20.7
20°-30°	193.8	21.2
30°-40°	158.4	17.3
40°-50°	118.5	13.0
50°-60°	83.2	9.1
60°-70°	52.4	5.7
70°-80°	25.2	2.8
80°-90°	4.9	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°	471.5	51.6
0°-40°	629.9	68.9
0°-60°	831.6	91.0
0°-90°	914.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	914.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1027	
5°	978	89
15°	678	189
25°	420	194
35°	251	158
45°	152	118
55°	92	83
65°	52	52
75°	24	25
85°	3	5
90°	0	

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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1027.1
2.5°	1016.9
5°	977.9
7.5°	913.5
10°	833.9
12.5°	755.9
15°	678.0
17.5°	606.8
20°	540.7
22.5°	478.0
25°	420.3
27.5°	369.5
30°	323.7
32.5°	286.4
35°	250.8
37.5°	222.0
40°	194.9
42.5°	172.9
45°	152.5
47.5°	133.9
50°	118.6
52.5°	105.1
55°	91.5
57.5°	81.4
60°	71.2
62.5°	61.0
65°	52.5
67.5°	44.1
70°	37.3
72.5°	30.5
75°	23.7
77.5°	16.9
80°	11.9
82.5°	6.8
85°	3.4
87.5°	1.7
90°	0.0

(END OF REPORT)