

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: P1264925

Luminaire Tested: P3A10R129730DE010 E3PHLP1MW

Issue Date: 1/29/2026

**Test Information**

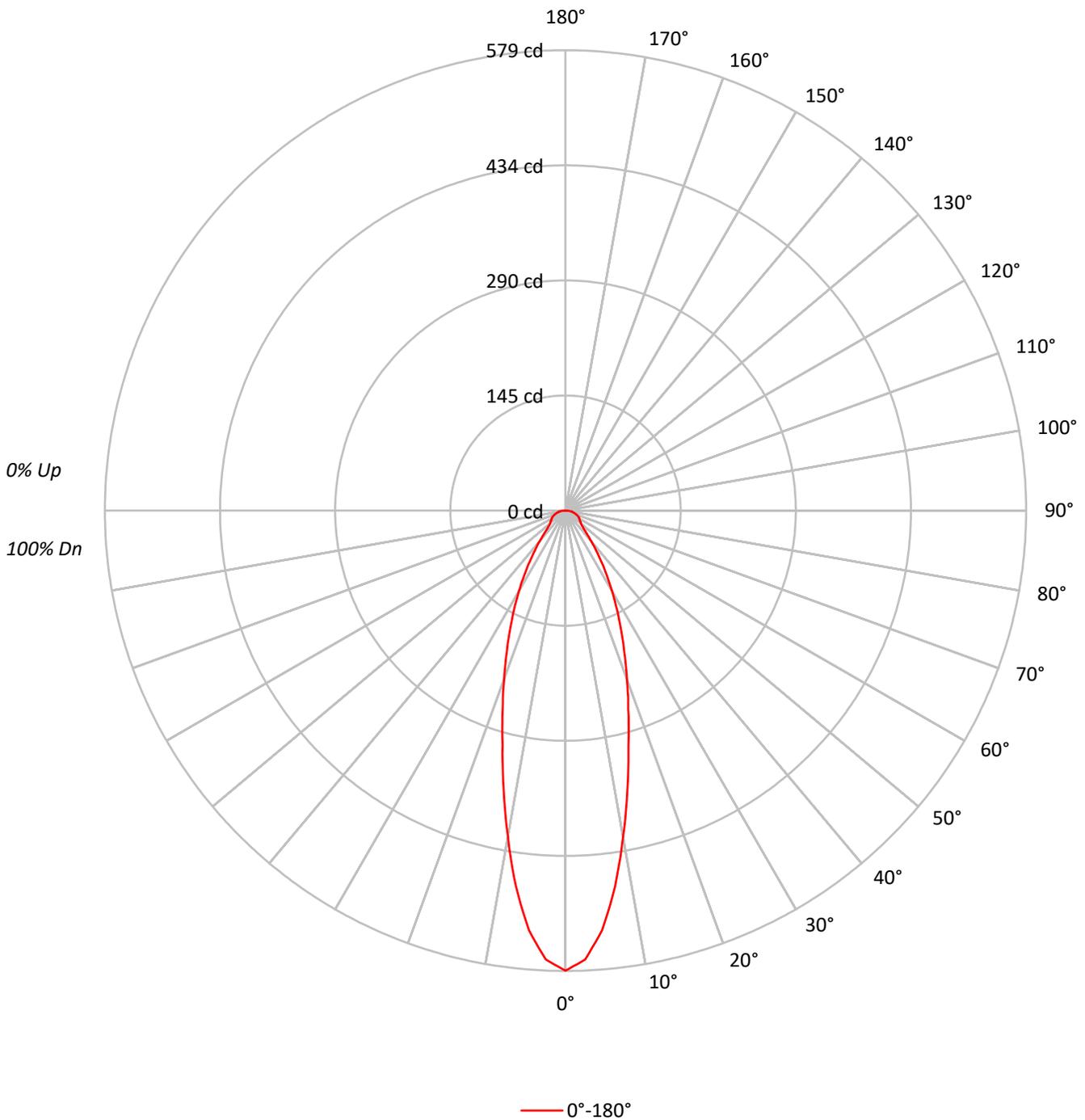
Test Method: LM-79-2019  
Report Number: P1264925  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-5)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A10R129730DE010 E3PHLP1MW  
Description: 3in Adjustable LED luminaire with, R12 optic, 3000K CCT AND, 97CRI , E3PHLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 339.1 lumens  
Efficiency: N/A  
Efficacy: 29.0 lumens/watt  
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 11.7  
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			
1	112	108	105	102	109	106	103	100	102	99	97	98	96	94	95	93	92	90			
2	105	99	94	90	102	97	92	89	94	90	87	91	87	85	88	85	83	81			
3	99	91	85	80	96	89	84	80	87	82	78	84	80	77	82	79	76	74			
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70	68			
5	88	78	72	67	86	77	71	67	76	70	66	74	69	65	72	68	65	63			
6	83	73	67	62	82	73	66	62	71	65	61	70	65	61	68	64	60	59			
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55			
8	75	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52			
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49			
10	69	58	52	48	68	58	52	48	57	52	48	56	51	48	56	51	48	46			

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

	0°
0°	126876
5°	116509
10°	92828
15°	69376
20°	52691
25°	39897
30°	29524
35°	21094
40°	14427
45°	10110
50°	8597
55°	8449
60°	8771
65°	9288
70°	9425
75°	9828
80°	10607
85°	10567

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 82.5°  
 Luminance: 12432 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	46.9	13.8
10°-20°	85.7	25.3
20°-30°	75.9	22.4
30°-40°	49.7	14.7
40°-50°	26.6	7.8
50°-60°	20.1	5.9
60°-70°	17.3	5.1
70°-80°	11.9	3.5
80°-90°	4.9	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°	208.5	61.5
0°-40°	258.3	76.2
0°-60°	305.0	89.9
0°-90°	339.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	339.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	579	
5°	529	47
15°	306	86
25°	165	76
35°	79	50
45°	33	27
55°	22	20
65°	18	17
75°	12	12
85°	4	5
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	578.6
2.5°	565.0
5°	529.3
7.5°	476.8
10°	416.9
12.5°	359.1
15°	305.6
17.5°	262.5
20°	225.8
22.5°	193.2
25°	164.9
27.5°	139.7
30°	116.6
32.5°	96.6
35°	78.8
37.5°	63.0
40°	50.4
42.5°	39.9
45°	32.6
47.5°	28.4
50°	25.2
52.5°	24.2
55°	22.1
57.5°	21.0
60°	20.0
62.5°	18.9
65°	17.9
67.5°	15.8
70°	14.7
72.5°	12.6
75°	11.6
77.5°	9.5
80°	8.4
82.5°	7.4
85°	4.2
87.5°	2.1
90°	0.0

(END OF REPORT)