

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: P1264291

Luminaire Tested: P3A05R309730DE010 E3PHLP1MW

Issue Date: 1/29/2026

**Test Information**

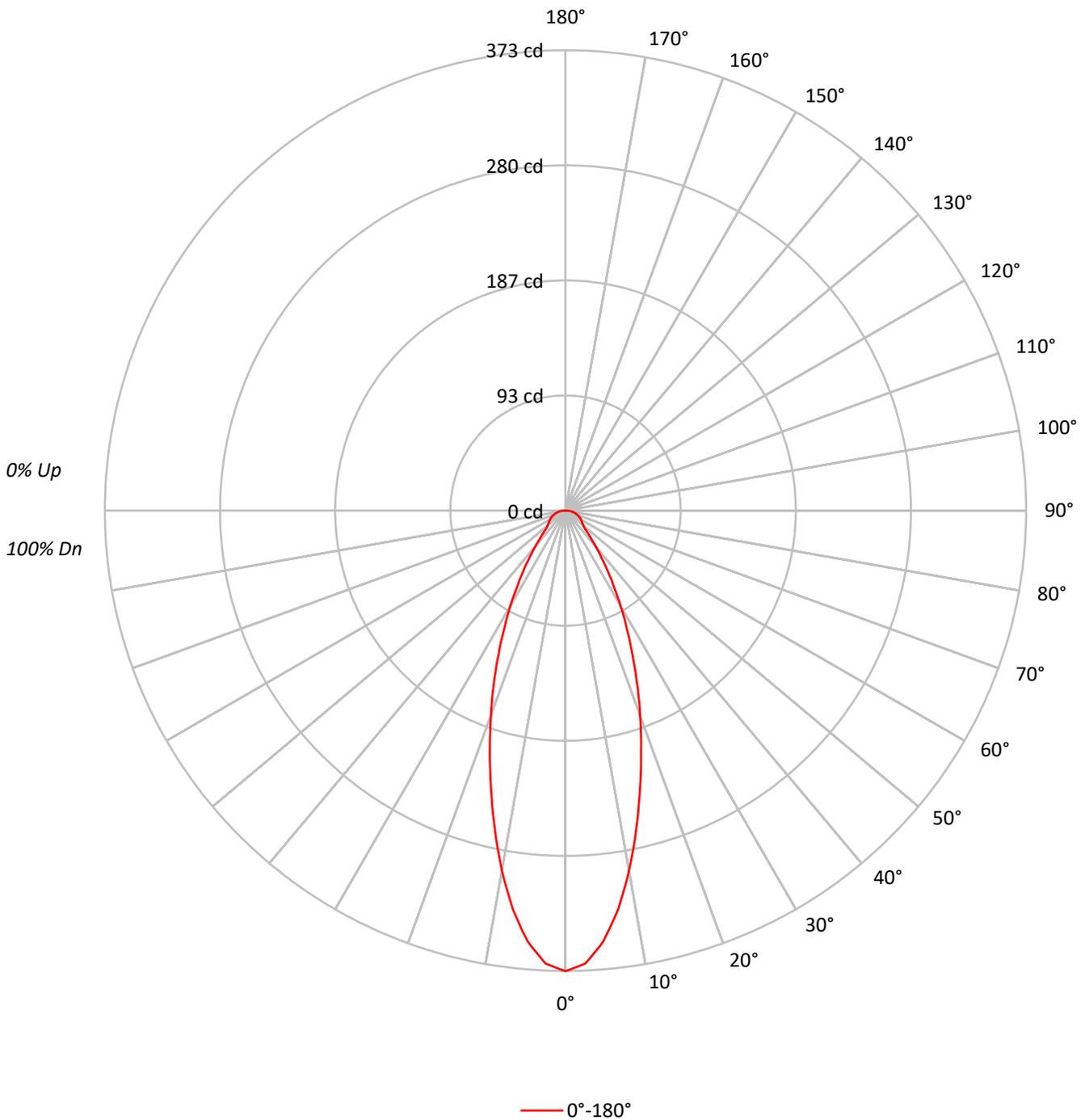
Test Method: LM-79-2019  
Report Number: P1264291  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-8)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A05R309730DE010 E3PHLP1MW  
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 97CRI , E3PHLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 252.0 lumens  
Efficiency: N/A  
Efficacy: 35.0 lumens/watt  
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 7.2  
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	94	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	96	89	84	80	87	82	78	84	80	77	82	79	76	74			74
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70	68			68
5	88	78	72	67	86	77	71	66	75	70	66	74	69	65	72	68	65	63			63
6	83	73	67	62	82	72	66	62	71	65	61	69	64	61	68	64	60	59			59
7	79	69	62	57	78	68	62	57	67	61	57	66	60	57	64	60	56	55			55
8	75	65	58	54	74	64	58	54	63	57	53	62	57	53	61	56	53	51			51
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49			49
10	68	58	52	48	67	58	52	48	57	51	48	56	51	47	55	51	47	46			46

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

	0°
0°	81814
5°	77151
10°	65953
15°	52849
20°	41187
25°	30970
30°	22586
35°	15928
40°	10935
45°	7815
50°	6413
55°	6193
60°	6228
65°	6382
70°	6604
75°	7117
80°	7324
85°	8051

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 82.5°  
 Luminance: 8736 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	31.7	12.6
10°-20°	64.7	25.7
20°-30°	58.9	23.4
30°-40°	37.5	14.9
40°-50°	20.1	8.0
50°-60°	14.7	5.8
60°-70°	12.3	4.9
70°-80°	8.6	3.4
80°-90°	3.4	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°	155.3	61.6
0°-40°	192.8	76.5
0°-60°	227.6	90.3
0°-90°	252.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	252.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	373	
5°	350	32
15°	233	65
25°	128	59
35°	60	38
45°	25	20
55°	16	15
65°	12	12
75°	8	9
85°	3	3
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	373.1
2.5°	367.3
5°	350.5
7.5°	325.9
10°	296.2
12.5°	264.5
15°	232.8
17.5°	203.7
20°	176.5
22.5°	151.3
25°	128.0
27.5°	107.3
30°	89.2
32.5°	72.4
35°	59.5
37.5°	47.2
40°	38.2
42.5°	30.4
45°	25.2
47.5°	20.7
50°	18.8
52.5°	17.5
55°	16.2
57.5°	15.5
60°	14.2
62.5°	13.6
65°	12.3
67.5°	11.6
70°	10.3
72.5°	9.1
75°	8.4
77.5°	7.1
80°	5.8
82.5°	5.2
85°	3.2
87.5°	1.3
90°	0.0

(END OF REPORT)