

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: P1273316

Luminaire Tested: P3A05R259830DE010 E3PHLP1MW

Issue Date: 1/29/2026

**Test Information**

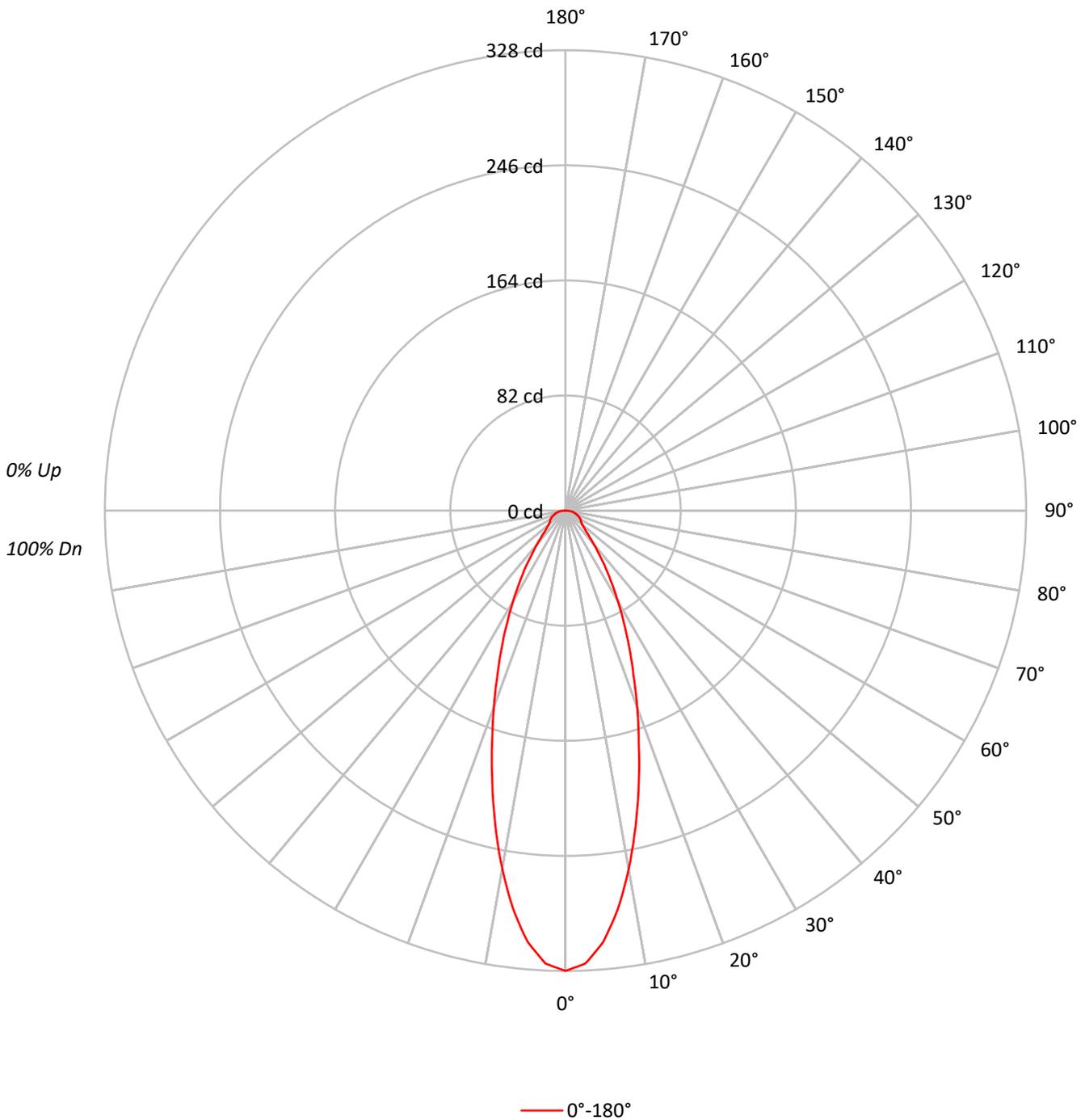
Test Method: LM-79-2019  
Report Number: P1273316  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-7)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A05R259830DE010 E3PHLP1MW  
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3PHLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 214.0 lumens  
Efficiency: N/A  
Efficacy: 29.7 lumens/watt  
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 7.2  
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	100	100
1	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	90	90	90	90
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81	81	81	81
3	99	91	85	80	97	90	84	80	87	82	78	84	80	77	82	79	76	74	74	74	74
4	93	84	78	73	91	83	77	73	81	76	72	79	74	71	77	73	70	68	68	68	68
5	88	79	72	67	86	78	71	67	76	70	66	74	69	66	72	68	65	63	63	63	63
6	84	74	67	62	82	73	66	62	71	66	61	70	65	61	68	64	61	59	59	59	59
7	79	69	63	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55	55	55	55
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52	52	52	52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49	49	49	49
10	69	59	52	48	68	58	52	48	57	52	48	56	51	48	56	51	48	46	46	46	46

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

	0°
0°	71902
5°	67929
10°	57737
15°	45744
20°	34770
25°	25937
30°	18864
35°	13331
40°	9046
45°	6326
50°	5288
55°	5123
60°	5394
65°	5552
70°	5514
75°	5931
80°	6819
85°	6793

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 82.5°  
 Luminance: 7224 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	27.9	13.0
10°-20°	55.8	26.1
20°-30°	49.4	23.1
30°-40°	31.4	14.7
40°-50°	16.6	7.8
50°-60°	12.2	5.7
60°-70°	10.4	4.9
70°-80°	7.4	3.4
80°-90°	2.9	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°	133.0	62.1
0°-40°	164.4	76.8
0°-60°	193.3	90.3
0°-90°	214.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	214.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	328	
5°	309	28
15°	202	56
25°	107	49
35°	50	31
45°	20	17
55°	13	12
65°	11	10
75°	7	7
85°	3	3
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	327.9
2.5°	323.1
5°	308.6
7.5°	286.1
10°	259.3
12.5°	230.4
15°	201.5
17.5°	173.6
20°	149.0
22.5°	126.4
25°	107.2
27.5°	90.0
30°	74.5
32.5°	61.1
35°	49.8
37.5°	39.6
40°	31.6
42.5°	25.2
45°	20.4
47.5°	17.7
50°	15.5
52.5°	14.5
55°	13.4
57.5°	12.9
60°	12.3
62.5°	11.3
65°	10.7
67.5°	9.6
70°	8.6
72.5°	8.0
75°	7.0
77.5°	5.9
80°	5.4
82.5°	4.3
85°	2.7
87.5°	1.1
90°	0.0

(END OF REPORT)