

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: P1255689

Luminaire Tested: P3A24R209035D010 E3PHLP1MW

Issue Date: 1/29/2026

**Test Information**

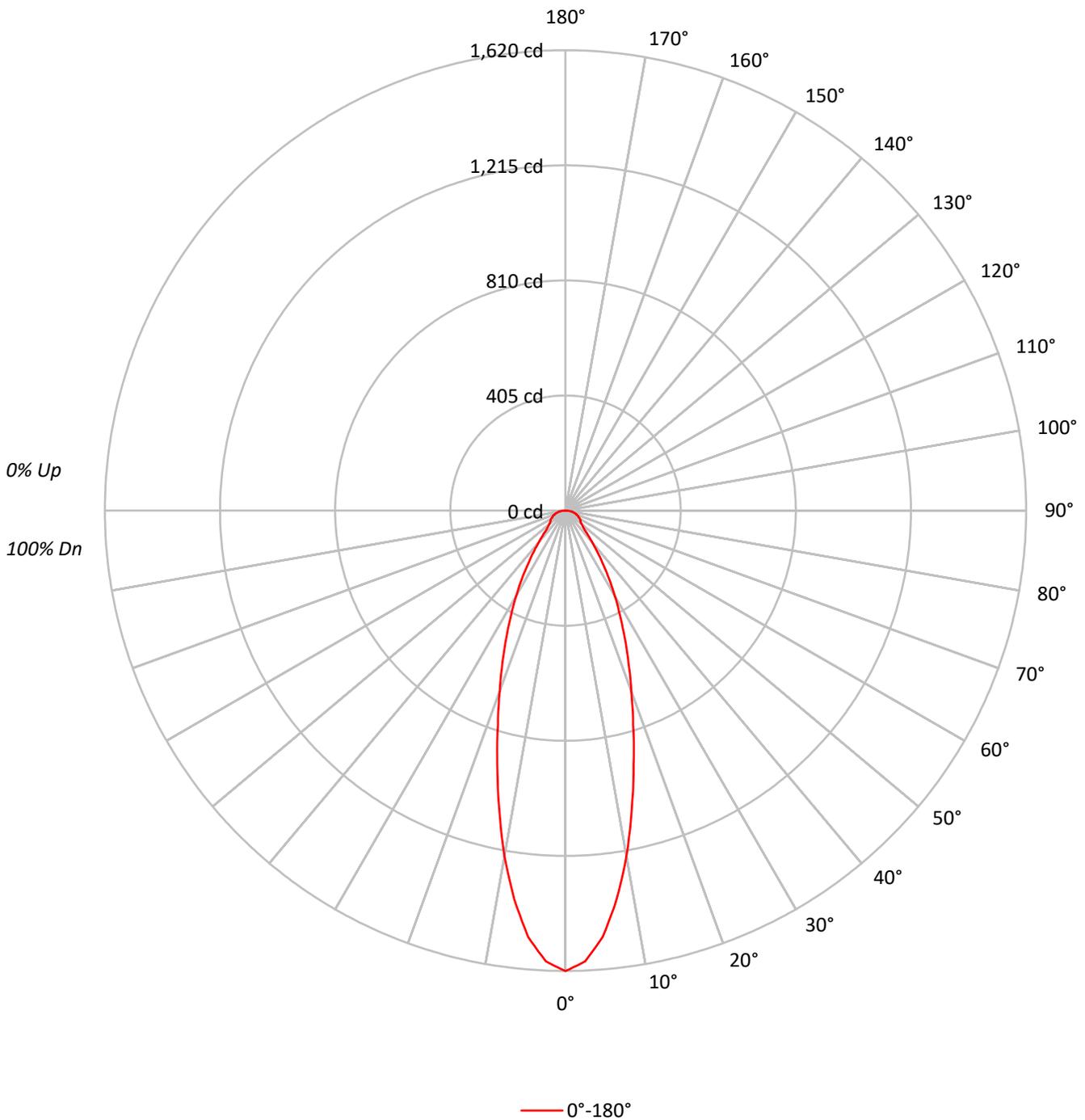
Test Method: LM-79-2019  
Report Number: P1255689  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-6)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A24R209035D010 E3PHLP1MW  
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 90CRI , E3PHLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 999.0 lumens  
Efficiency: N/A  
Efficacy: 34.7 lumens/watt  
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 28.8  
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				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	95	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	97	90	84	80	87	82	78	84	80	77	82	79	76	74				74
4	93	84	78	73	91	83	77	73	81	76	72	79	74	71	77	73	70	68				68
5	88	79	72	67	86	78	71	67	76	70	66	74	69	66	72	68	65	63				63
6	84	74	67	62	82	73	66	62	71	66	61	70	65	61	68	64	61	59				59
7	79	69	63	58	78	68	62	58	67	62	57	66	61	57	65	60	57	55				55
8	76	65	59	54	74	65	58	54	64	58	54	62	57	54	61	57	53	52				52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49				49
10	69	59	52	48	68	58	52	48	57	52	48	57	52	48	56	51	48	46				46

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

	0°
0°	355257
5°	331366
10°	274967
15°	210262
20°	157817
25°	118797
30°	87862
35°	61382
40°	42079
45°	29181
50°	25074
55°	24735
60°	25787
65°	25943
70°	26415
75°	27366
80°	29675
85°	29688

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 82.5°  
 Luminance: 34607 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	134.9	13.5
10°-20°	257.5	25.8
20°-30°	226.6	22.7
30°-40°	146.2	14.6
40°-50°	77.5	7.8
50°-60°	58.2	5.8
60°-70°	49.5	5.0
70°-80°	34.9	3.5
80°-90°	13.6	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°	619.0	62.0
0°-40°	765.2	76.6
0°-60°	900.9	90.2
0°-90°	999.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	999.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1620	
5°	1505	135
15°	926	258
25°	491	227
35°	229	146
45°	94	78
55°	65	58
65°	50	50
75°	32	35
85°	12	14
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1620.1
2.5°	1587.7
5°	1505.4
7.5°	1379.0
10°	1234.9
12.5°	1076.1
15°	926.2
17.5°	790.9
20°	676.3
22.5°	579.2
25°	491.0
27.5°	414.6
30°	347.0
32.5°	285.2
35°	229.3
37.5°	185.2
40°	147.0
42.5°	117.6
45°	94.1
47.5°	82.3
50°	73.5
52.5°	67.6
55°	64.7
57.5°	61.7
60°	58.8
62.5°	52.9
65°	50.0
67.5°	47.0
70°	41.2
72.5°	38.2
75°	32.3
77.5°	29.4
80°	23.5
82.5°	20.6
85°	11.8
87.5°	5.9
90°	0.0

(END OF REPORT)