

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: P1274696

Luminaire Tested: P3AS20R259830D010 E3PHLP1MW

Issue Date: 1/29/2026

**Test Information**

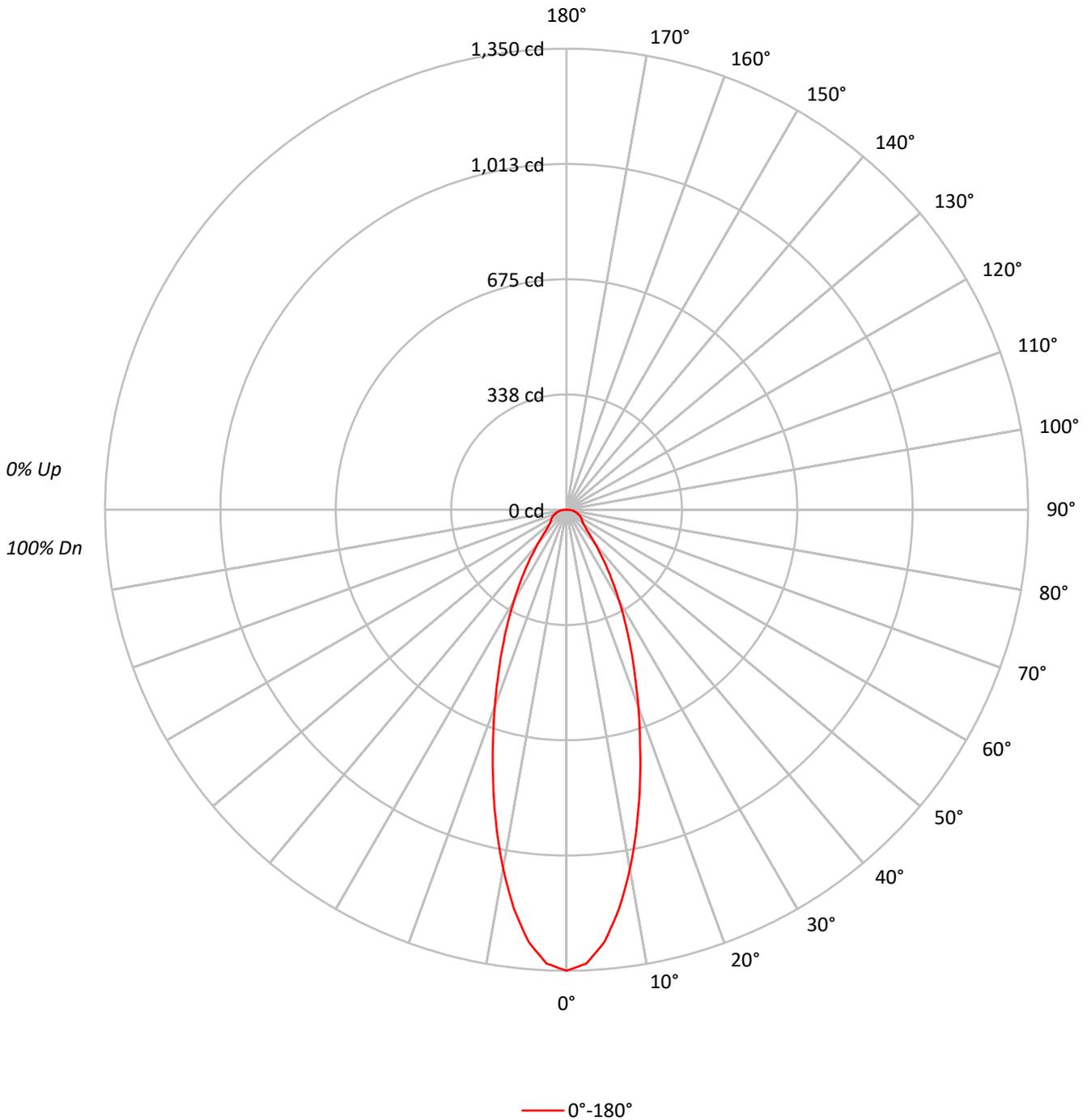
Test Method: LM-79-2019  
Report Number: P1274696  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-7)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS20R259830D010 E3PHLP1MW  
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3PHLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 881.0 lumens  
Efficiency: N/A  
Efficacy: 32.2 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): 27.4  
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	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	61	57	66	61	57	65	60	57	55			55
8	76	65	59	54	74	65	58	54	63	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	56	51	48	56	51	48	46			46

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

	0°
0°	296007
5°	279660
10°	237715
15°	188287
20°	143092
25°	106748
30°	77632
35°	54904
40°	37241
45°	25987
50°	21833
55°	21065
60°	22235
65°	22882
70°	22632
75°	24316
80°	27908
85°	27676

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 82.5°  
 Luminance: 29568 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	114.7	13.0
10°-20°	229.6	26.1
20°-30°	203.3	23.1
30°-40°	129.5	14.7
40°-50°	68.5	7.8
50°-60°	50.3	5.7
60°-70°	42.9	4.9
70°-80°	30.3	3.4
80°-90°	12.0	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°	547.5	62.1
0°-40°	677.0	76.8
0°-60°	795.8	90.3
0°-90°	881.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	881.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1350	
5°	1270	115
15°	829	230
25°	441	203
35°	205	129
45°	84	69
55°	55	50
65°	44	43
75°	29	30
85°	11	12
90°	0	

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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1349.9
2.5°	1330.1
5°	1270.5
7.5°	1177.9
10°	1067.6
12.5°	948.5
15°	829.4
17.5°	714.7
20°	613.2
22.5°	520.6
25°	441.2
27.5°	370.6
30°	306.6
32.5°	251.5
35°	205.1
37.5°	163.2
40°	130.1
42.5°	103.7
45°	83.8
47.5°	72.8
50°	64.0
52.5°	59.6
55°	55.1
57.5°	52.9
60°	50.7
62.5°	46.3
65°	44.1
67.5°	39.7
70°	35.3
72.5°	33.1
75°	28.7
77.5°	24.3
80°	22.1
82.5°	17.6
85°	11.0
87.5°	4.4
90°	0.0

(END OF REPORT)