

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: P1287084

Luminaire Tested: P3AS13R209030D2WDE010 E3PHLP1MW

Issue Date: 1/29/2026

**Test Information**

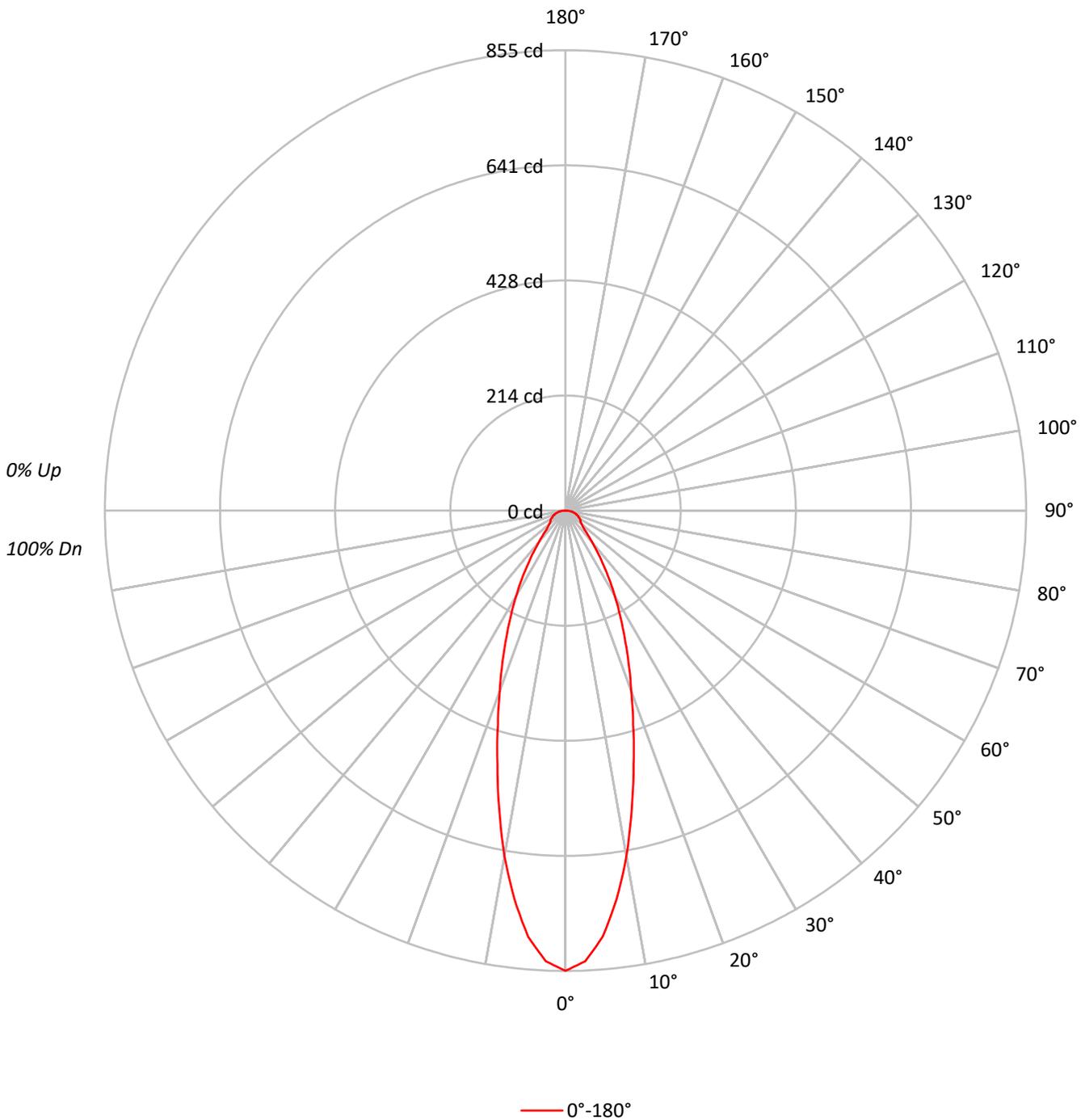
Test Method: LM-79-2019  
Report Number: P1287084  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-6)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R209030D2WDE010 E3PHLP1MW  
Description: 3in Adjustable Dim to Warm LED luminaire with, R20 optic, 3000K CCT AND, 90CRI ,  
E3PHLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 527.0 lumens  
Efficiency: N/A  
Efficacy: 26.2 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): 20.1  
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				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°	187397
5°	174818
10°	145065
15°	110920
20°	83237
25°	62665
30°	46336
35°	32391
40°	22213
45°	15381
50°	13236
55°	13037
60°	13595
65°	13698
70°	13913
75°	14488
80°	15659
85°	15599

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 82.5°  
 Luminance: 18312 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	71.1	13.5
10°-20°	135.9	25.8
20°-30°	119.5	22.7
30°-40°	77.2	14.6
40°-50°	40.9	7.8
50°-60°	30.7	5.8
60°-70°	26.1	5.0
70°-80°	18.4	3.5
80°-90°	7.2	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°	326.5	62.0
0°-40°	403.7	76.6
0°-60°	475.3	90.2
0°-90°	527.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	527.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	855	
5°	794	71
15°	489	136
25°	259	120
35°	121	77
45°	50	41
55°	34	31
65°	26	26
75°	17	18
85°	6	7
90°	0	

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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	854.6
2.5°	837.6
5°	794.2
7.5°	727.5
10°	651.5
12.5°	567.7
15°	488.6
17.5°	417.2
20°	356.7
22.5°	305.6
25°	259.0
27.5°	218.7
30°	183.0
32.5°	150.5
35°	121.0
37.5°	97.7
40°	77.6
42.5°	62.0
45°	49.6
47.5°	43.4
50°	38.8
52.5°	35.7
55°	34.1
57.5°	32.6
60°	31.0
62.5°	27.9
65°	26.4
67.5°	24.8
70°	21.7
72.5°	20.2
75°	17.1
77.5°	15.5
80°	12.4
82.5°	10.9
85°	6.2
87.5°	3.1
90°	0.0

(END OF REPORT)