

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: P1255408

Luminaire Tested: P3AS20R309035D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255408
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: P3AS20R309035D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

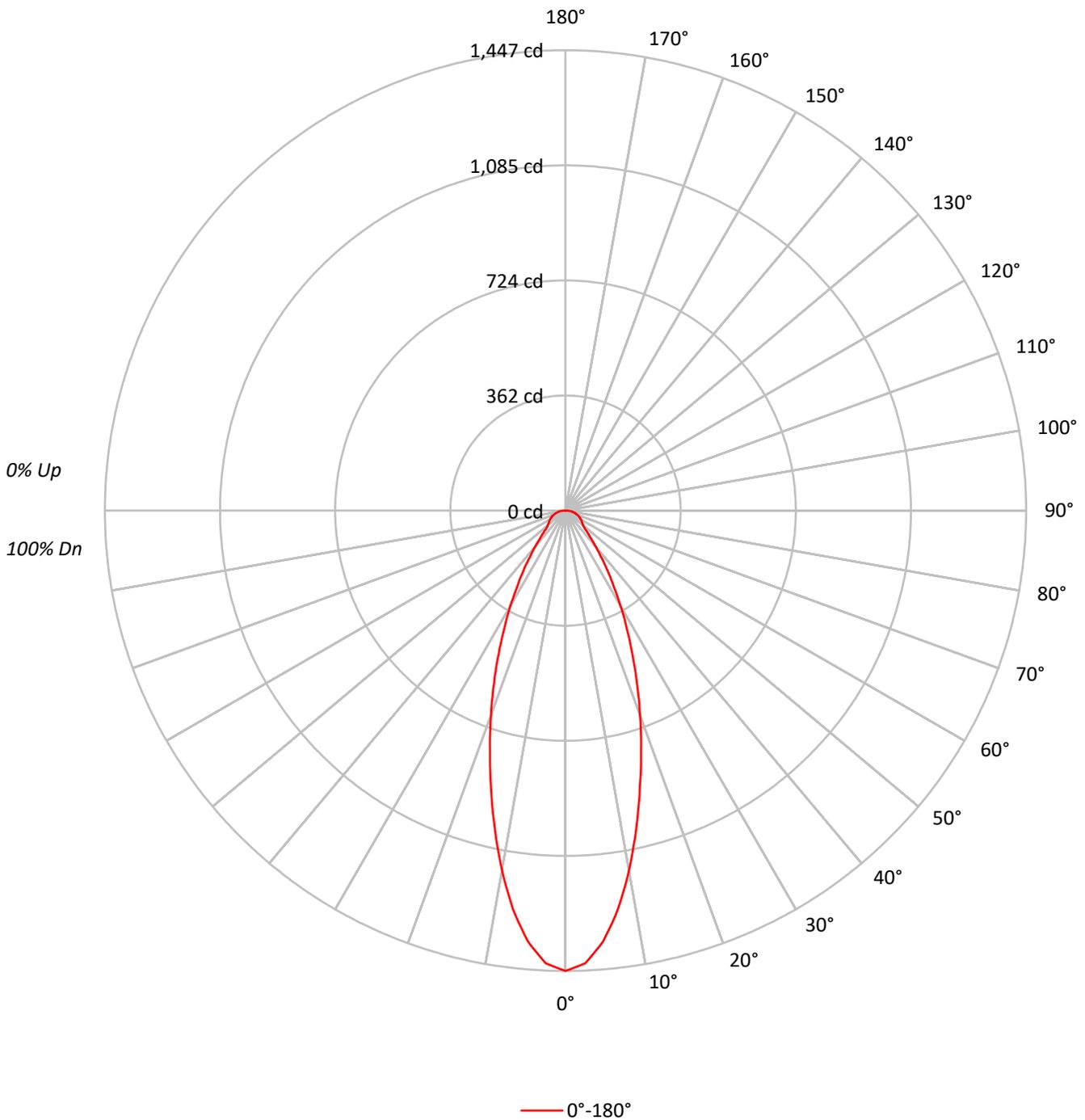
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 977.0 lumens
Efficiency: N/A
Efficacy: 33.9 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): 28.8
Input Voltage (V): NR
Input Current (A_{in}): 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			
1	112	108	105	102	109	106	103	101	102	100	97	98	96	94	95	93	92	90			
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81			
3	99	91	85	80	96	89	84	80	87	82	78	84	80	77	82	79	76	74			
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70	68			
5	88	78	72	67	86	77	71	66	75	70	66	74	69	65	72	68	65	63			
6	83	73	67	62	82	72	66	62	71	65	61	69	64	61	68	64	60	59			
7	79	69	62	57	78	68	62	57	67	61	57	66	60	57	64	60	56	55			
8	75	65	58	54	74	64	58	54	63	57	53	62	57	53	61	56	53	51			
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49			
10	68	58	52	48	67	58	52	48	57	51	48	56	51	47	55	51	47	46			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	317211
5°	299119
10°	255684
15°	204905
20°	159707
25°	120104
30°	87608
35°	61757
40°	42336
45°	30329
50°	24801
55°	23970
60°	24209
65°	24698
70°	25709
75°	27620
80°	28539
85°	31450

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 33767 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	123.0	12.6
10°-20°	250.8	25.7
20°-30°	228.5	23.4
30°-40°	145.4	14.9
40°-50°	77.8	8.0
50°-60°	57.0	5.8
60°-70°	47.8	4.9
70°-80°	33.4	3.4
80°-90°	13.3	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°	602.3	61.6
0°-40°	747.7	76.5
0°-60°	882.5	90.3
0°-90°	977.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	977.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1447	
5°	1359	123
15°	903	251
25°	496	229
35°	231	145
45°	98	78
55°	63	57
65°	48	48
75°	33	33
85°	12	13
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1446.6
2.5°	1424.0
5°	1358.9
7.5°	1263.6
10°	1148.3
12.5°	1025.4
15°	902.6
17.5°	789.7
20°	684.4
22.5°	586.7
25°	496.4
27.5°	416.2
30°	346.0
32.5°	280.8
35°	230.7
37.5°	183.0
40°	147.9
42.5°	117.8
45°	97.8
47.5°	80.2
50°	72.7
52.5°	67.7
55°	62.7
57.5°	60.2
60°	55.2
62.5°	52.6
65°	47.6
67.5°	45.1
70°	40.1
72.5°	35.1
75°	32.6
77.5°	27.6
80°	22.6
82.5°	20.1
85°	12.5
87.5°	5.0
90°	0.0

(END OF REPORT)