

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: P1257769

Luminaire Tested: P3AS17R309040DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257769
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R309040DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

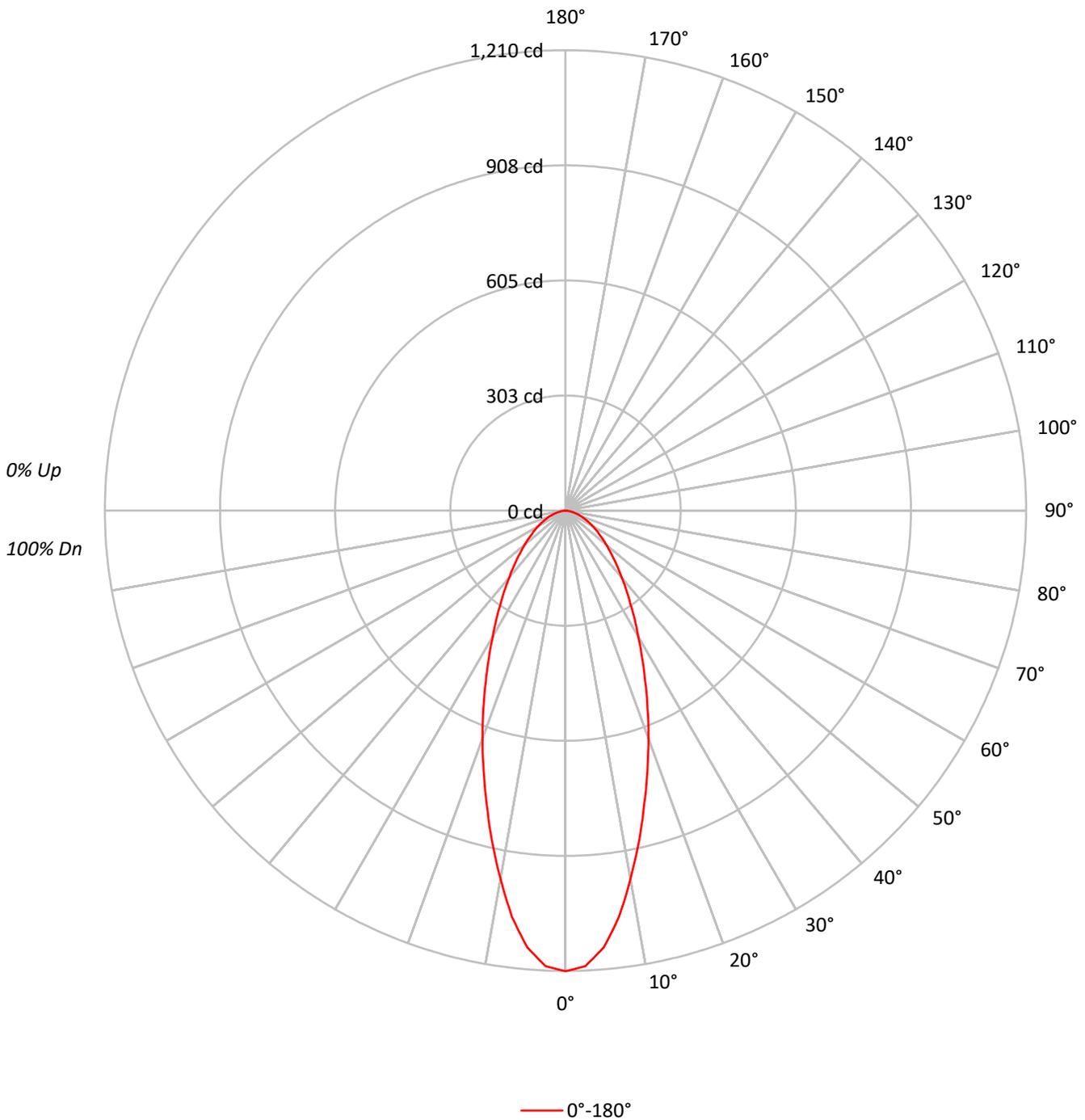
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1077.0 lumens
Efficiency: N/A
Efficacy: 50.8 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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				
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	100	102	99	97	98	96	94	94	93	91	90			
2	104	98	93	88	102	96	91	87	93	89	85	90	86	83	87	84	82	80			
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	76	73	71			
4	91	82	75	69	89	80	74	69	78	72	68	76	71	67	74	70	66	65			
5	85	75	68	63	84	74	67	62	72	66	62	70	65	61	69	64	61	59			
6	80	69	62	57	79	69	62	57	67	61	56	65	60	56	64	59	56	54			
7	76	65	57	52	74	64	57	52	62	56	52	61	56	52	60	55	51	50			
8	71	60	53	48	70	60	53	48	58	52	48	57	52	48	56	51	48	46			
9	68	57	50	45	66	56	49	45	55	49	45	54	49	45	53	48	44	43			
10	64	53	47	42	63	53	46	42	52	46	42	51	46	42	50	45	42	40			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	265395
5°	253664
10°	218789
15°	181363
20°	148670
25°	119838
30°	96597
35°	79130
40°	65752
45°	55727
50°	47691
55°	41212
60°	36795
65°	32118
70°	28146
75°	23723
80°	17679
85°	10064

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 55727 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	104.5	9.7
10°-20°	222.8	20.7
20°-30°	228.3	21.2
30°-40°	186.6	17.3
40°-50°	139.6	13.0
50°-60°	98.1	9.1
60°-70°	61.7	5.7
70°-80°	29.7	2.8
80°-90°	5.7	0.5
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°	555.6	51.6
0°-40°	742.2	68.9
0°-60°	979.9	91.0
0°-90°	1077.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1077.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1210	
5°	1152	104
15°	799	223
25°	495	228
35°	296	187
45°	180	140
55°	108	98
65°	62	62
75°	28	30
85°	4	6
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1210.3
2.5°	1198.3
5°	1152.4
7.5°	1076.5
10°	982.6
12.5°	890.7
15°	798.9
17.5°	715.0
20°	637.1
22.5°	563.2
25°	495.3
27.5°	435.4
30°	381.5
32.5°	337.5
35°	295.6
37.5°	261.6
40°	229.7
42.5°	203.7
45°	179.7
47.5°	157.8
50°	139.8
52.5°	123.8
55°	107.8
57.5°	95.9
60°	83.9
62.5°	71.9
65°	61.9
67.5°	51.9
70°	43.9
72.5°	35.9
75°	28.0
77.5°	20.0
80°	14.0
82.5°	8.0
85°	4.0
87.5°	2.0
90°	0.0

(END OF REPORT)