

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: P1260366

Luminaire Tested: P3AS17R309050DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260366
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: P3AS17R309050DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 5000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

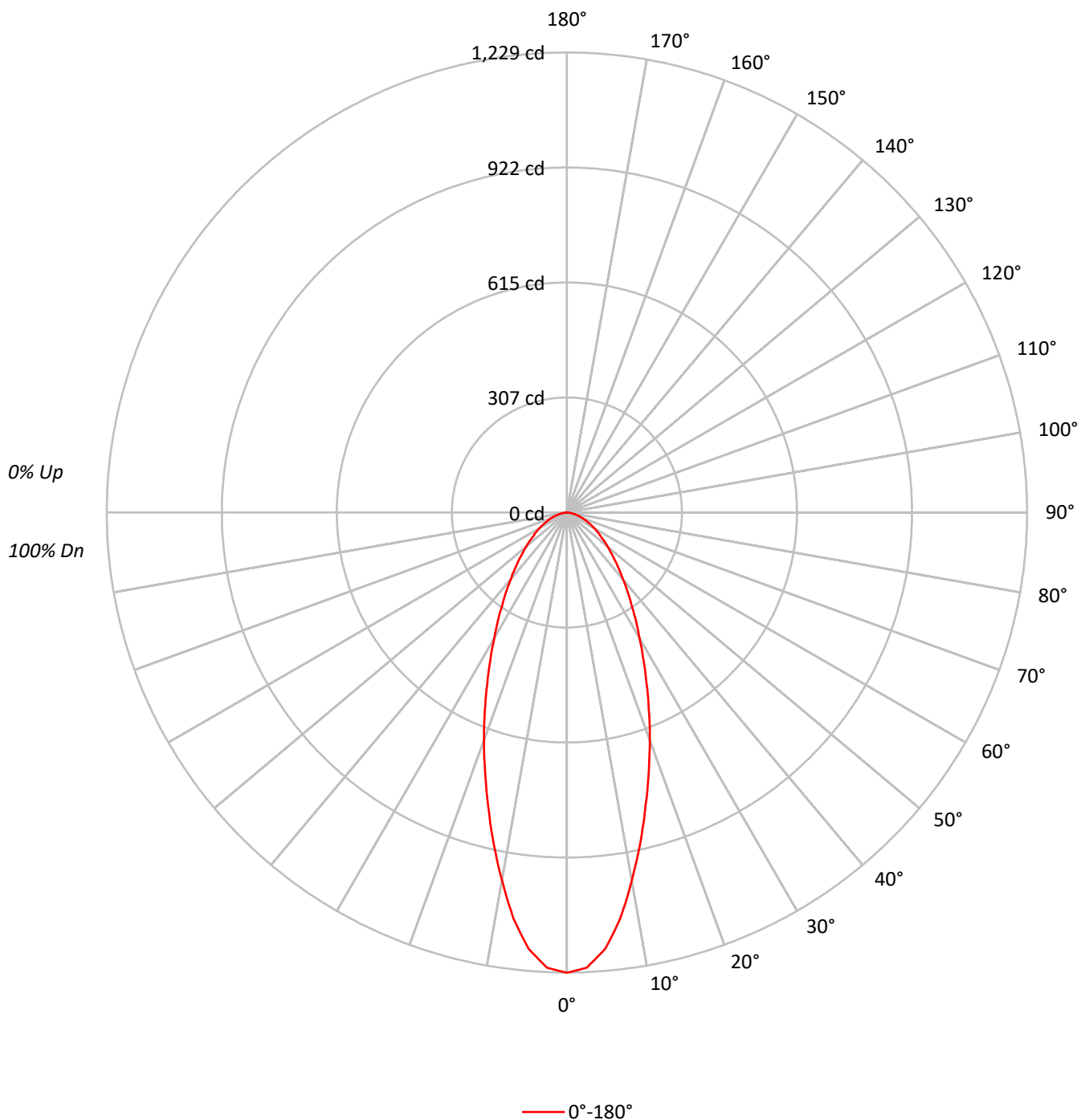
Lumens per Lamp: N/A
Luminaire Lumens: 1094.0 lumens
Efficiency: N/A
Efficacy: 51.6 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	108	105	102	109	106	103	100	102	99	97		98	96	94		94
2	104	98	93	88	102	96	91	87	93	89	85		90	86	83		87
3	97	89	83	78	95	88	82	77	85	80	76		82	78	75		80
4	91	82	75	69	89	80	74	69	78	72	68		76	71	67		74
5	85	75	68	63	84	74	67	62	72	66	62		70	65	61		69
6	80	69	62	57	79	69	62	57	67	61	56		65	60	56		64
7	76	65	57	52	74	64	57	52	62	56	52		61	56	52		60
8	71	60	53	48	70	60	53	48	58	52	48		57	52	48		56
9	68	57	50	45	66	56	49	45	55	49	45		54	49	45		53
10	64	53	47	42	63	53	46	42	52	46	42		51	46	42		50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	269584
5°	257648
10°	222240
15°	184224
20°	151003
25°	121725
30°	98116
35°	80361
40°	66782
45°	56626
50°	48442
55°	41862
60°	37365
65°	32636
70°	28595
75°	24061
80°	17932
85°	10315

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 56626 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	106.1	9.7
10°-20°	226.3	20.7
20°-30°	231.9	21.2
30°-40°	189.6	17.3
40°-50°	141.8	13.0
50°-60°	99.6	9.1
60°-70°	62.7	5.7
70°-80°	30.2	2.8
80°-90°	5.8	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°	564.3	51.6
0°-40°	753.9	68.9
0°-60°	995.3	91.0
0°-90°	1094.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1094.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1229	
5°	1170	106
15°	812	226
25°	503	232
35°	300	190
45°	183	142
55°	110	100
65°	63	63
75°	28	30
85°	4	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1229.4
2.5°	1217.2
5°	1170.5
7.5°	1093.5
10°	998.1
12.5°	904.8
15°	811.5
17.5°	726.3
20°	647.1
22.5°	572.1
25°	503.1
27.5°	442.2
30°	387.5
32.5°	342.8
35°	300.2
37.5°	265.8
40°	233.3
42.5°	206.9
45°	182.6
47.5°	160.3
50°	142.0
52.5°	125.8
55°	109.5
57.5°	97.4
60°	85.2
62.5°	73.0
65°	62.9
67.5°	52.7
70°	44.6
72.5°	36.5
75°	28.4
77.5°	20.3
80°	14.2
82.5°	8.1
85°	4.1
87.5°	2.0
90°	0.0

(END OF REPORT)