

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: P1287492

Luminaire Tested: P3AS17R309030D2WDE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287492
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: P3AS17R309030D2WDE010 E3PHLD1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,
E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

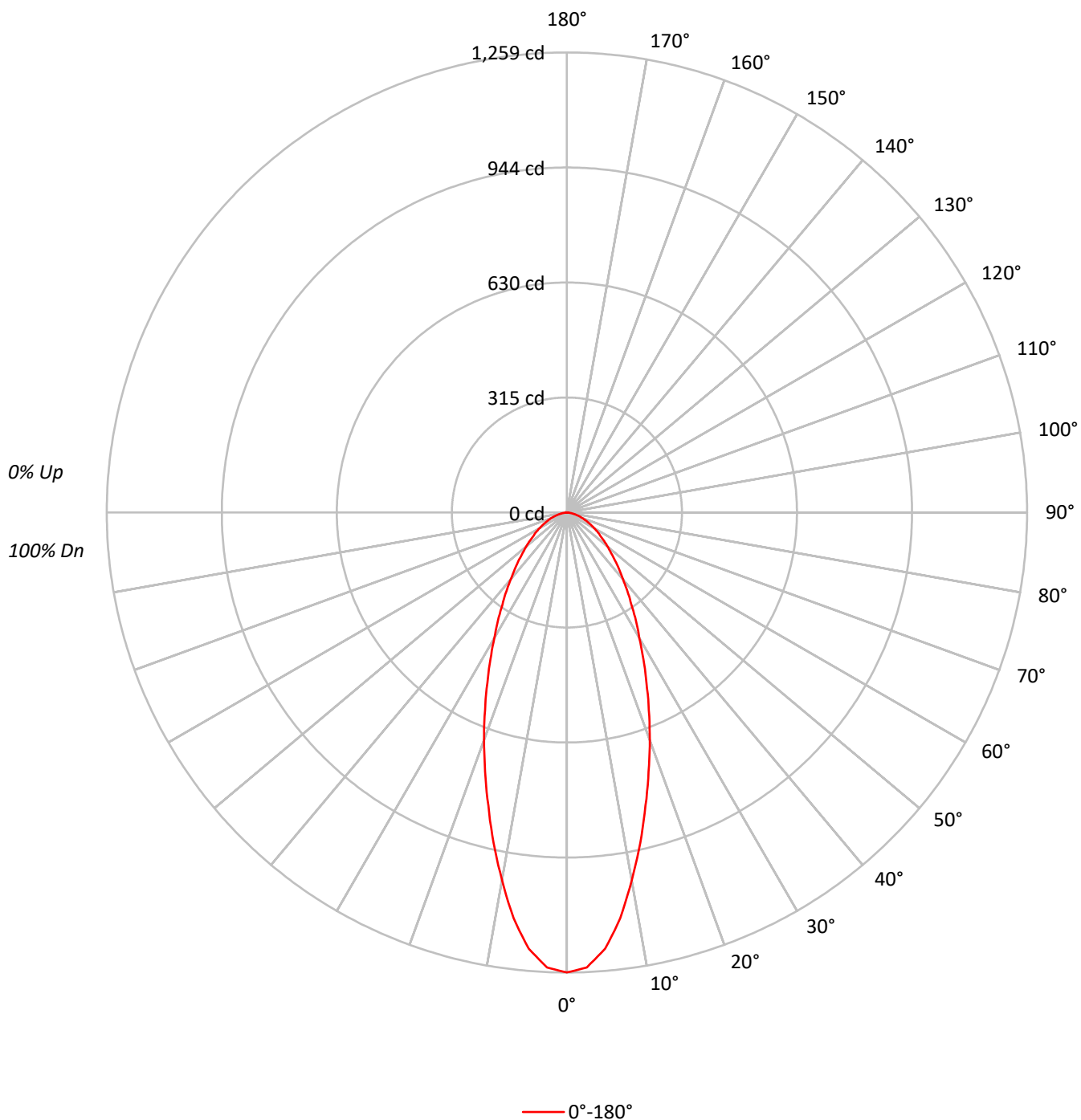
Lumens per Lamp: N/A
Luminaire Lumens: 1120.1 lumens
Efficiency: N/A
Efficacy: 41.0 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.3
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°	275987
5°	263790
10°	227517
15°	188605
20°	154597
25°	124628
30°	100446
35°	82289
40°	68357
45°	57960
50°	49602
55°	42895
60°	38243
65°	33415
70°	29300
75°	24655
80°	18310
85°	10567

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 57960 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	108.6	9.7
10°-20°	231.7	20.7
20°-30°	237.5	21.2
30°-40°	194.1	17.3
40°-50°	145.2	13.0
50°-60°	102.0	9.1
60°-70°	64.2	5.7
70°-80°	30.9	2.8
80°-90°	5.9	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°	577.8	51.6
0°-40°	771.9	68.9
0°-60°	1019.0	91.0
0°-90°	1120.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1120.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1259	
5°	1198	109
15°	831	232
25°	515	237
35°	307	194
45°	187	145
55°	112	102
65°	64	64
75°	29	31
85°	4	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1258.6
2.5°	1246.1
5°	1198.4
7.5°	1119.4
10°	1021.8
12.5°	926.3
15°	830.8
17.5°	743.5
20°	662.5
22.5°	585.7
25°	515.1
27.5°	452.8
30°	396.7
32.5°	351.0
35°	307.4
37.5°	272.1
40°	238.8
42.5°	211.8
45°	186.9
47.5°	164.1
50°	145.4
52.5°	128.8
55°	112.2
57.5°	99.7
60°	87.2
62.5°	74.8
65°	64.4
67.5°	54.0
70°	45.7
72.5°	37.4
75°	29.1
77.5°	20.8
80°	14.5
82.5°	8.3
85°	4.2
87.5°	2.1
90°	0.0

(END OF REPORT)