

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: P1252355

Luminaire Tested: P3AS17R309030DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252355
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: P3AS17R309030DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

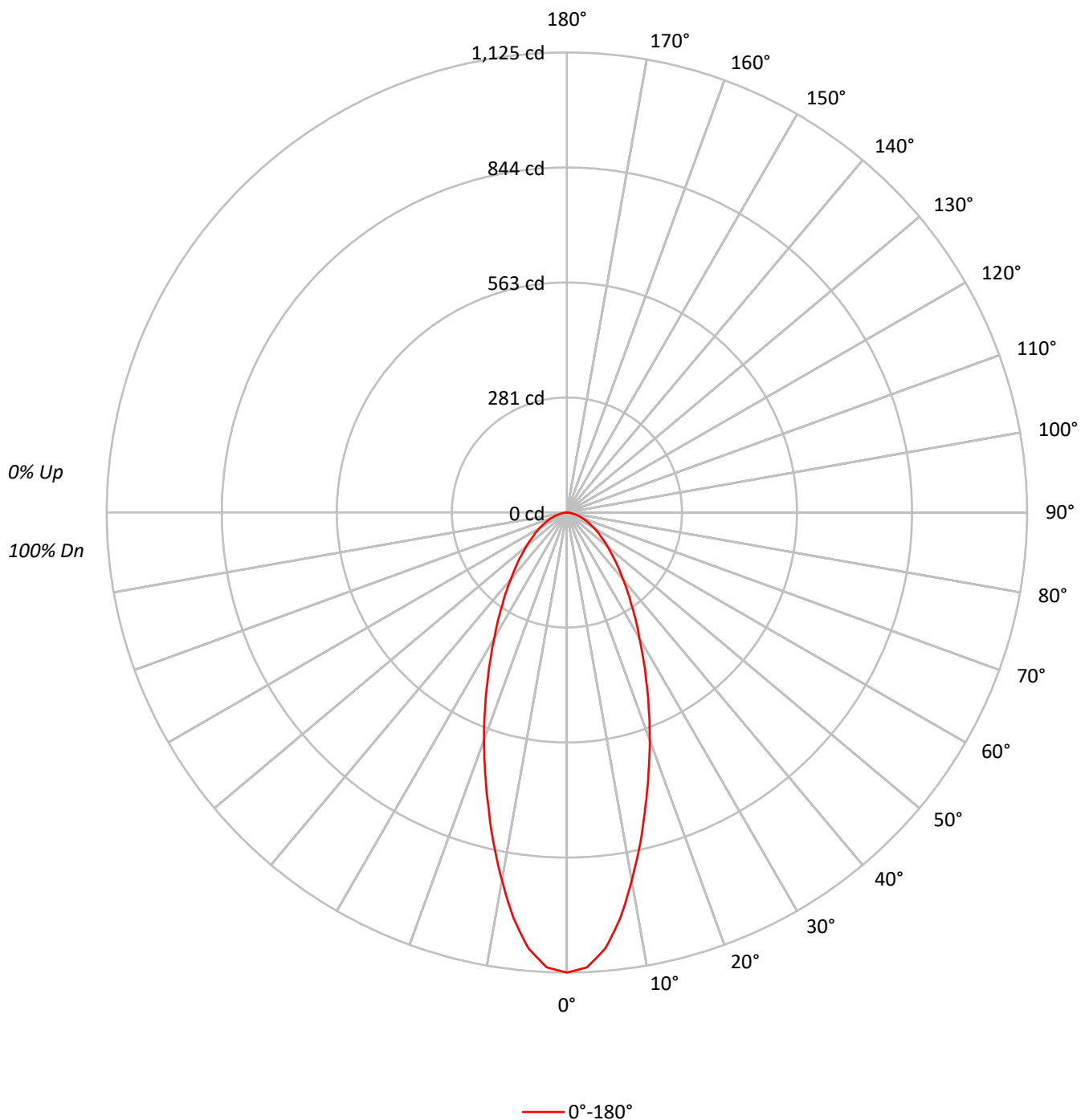
Lumens per Lamp: N/A
Luminaire Lumens: 1001.0 lumens
Efficiency: N/A
Efficacy: 47.2 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	246669
5°	235747
10°	203359
15°	168559
20°	138169
25°	111369
30°	89761
35°	73535
40°	61115
45°	51819
50°	44314
55°	38307
60°	34208
65°	29835
70°	26158
75°	22028
80°	16416
85°	9309

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 51819 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.1	9.7
10°-20°	207.1	20.7
20°-30°	212.2	21.2
30°-40°	173.5	17.3
40°-50°	129.7	13.0
50°-60°	91.1	9.1
60°-70°	57.3	5.7
70°-80°	27.6	2.8
80°-90°	5.3	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°	516.4	51.6
0°-40°	689.8	68.9
0°-60°	910.7	91.0
0°-90°	1001.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1001.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1125	
5°	1071	97
15°	742	207
25°	460	212
35°	275	173
45°	167	130
55°	100	91
65°	58	57
75°	26	28
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1124.9
2.5°	1113.7
5°	1071.0
7.5°	1000.5
10°	913.3
12.5°	827.9
15°	742.5
17.5°	664.5
20°	592.1
22.5°	523.5
25°	460.3
27.5°	404.7
30°	354.5
32.5°	313.7
35°	274.7
37.5°	243.2
40°	213.5
42.5°	189.3
45°	167.1
47.5°	146.6
50°	129.9
52.5°	115.1
55°	100.2
57.5°	89.1
60°	78.0
62.5°	66.8
65°	57.5
67.5°	48.3
70°	40.8
72.5°	33.4
75°	26.0
77.5°	18.6
80°	13.0
82.5°	7.4
85°	3.7
87.5°	1.9
90°	0.0

(END OF REPORT)