

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: P1252700

Luminaire Tested: P3AS20R309030D010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252700
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: P3AS20R309030D010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

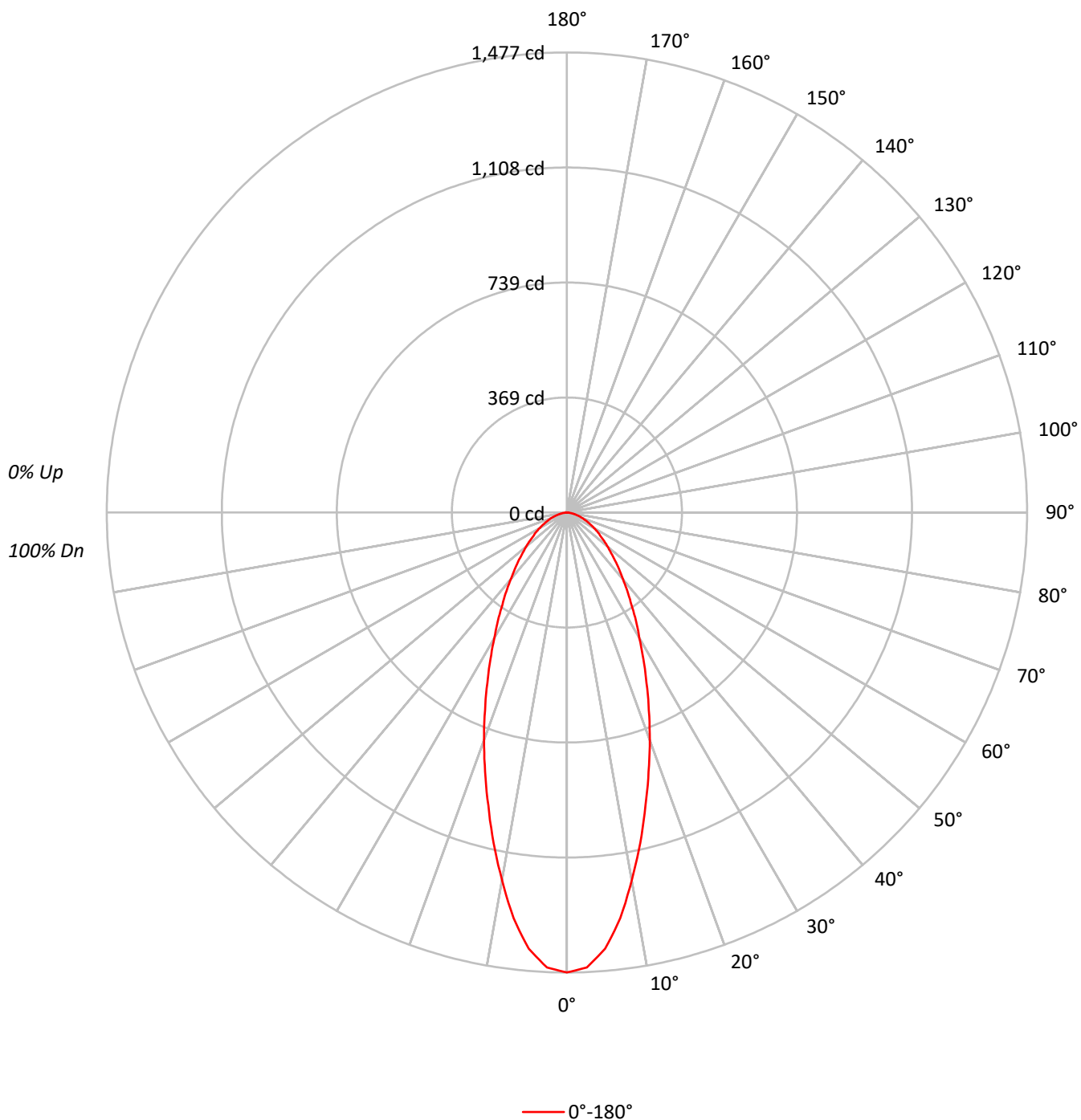
Lumens per Lamp: N/A
Luminaire Lumens: 1314.0 lumens
Efficiency: N/A
Efficacy: 45.6 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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°	323790
5°	309464
10°	266929
15°	221250
20°	181386
25°	146210
30°	117841
35°	96530
40°	80207
45°	68007
50°	58199
55°	50311
60°	44865
65°	39174
70°	34365
75°	28891
80°	21594
85°	12328

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 68007 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	127.5	9.7
10°-20°	271.8	20.7
20°-30°	278.6	21.2
30°-40°	227.7	17.3
40°-50°	170.3	13.0
50°-60°	119.7	9.1
60°-70°	75.3	5.7
70°-80°	36.3	2.8
80°-90°	6.9	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°	677.8	51.6
0°-40°	905.5	68.9
0°-60°	1195.5	91.0
0°-90°	1314.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1314.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1477	
5°	1406	127
15°	975	272
25°	604	279
35°	361	228
45°	219	170
55°	132	120
65°	76	75
75°	34	36
85°	5	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1476.6
2.5°	1462.0
5°	1405.9
7.5°	1313.3
10°	1198.8
12.5°	1086.7
15°	974.6
17.5°	872.3
20°	777.3
22.5°	687.1
25°	604.3
27.5°	531.2
30°	465.4
32.5°	411.8
35°	360.6
37.5°	319.2
40°	280.2
42.5°	248.5
45°	219.3
47.5°	192.5
50°	170.6
52.5°	151.1
55°	131.6
57.5°	117.0
60°	102.3
62.5°	87.7
65°	75.5
67.5°	63.4
70°	53.6
72.5°	43.9
75°	34.1
77.5°	24.4
80°	17.1
82.5°	9.7
85°	4.9
87.5°	2.4
90°	0.0

(END OF REPORT)