

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: P1250338

Luminaire Tested: P3AS24R309027D010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250338
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: P3AS24R309027D010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

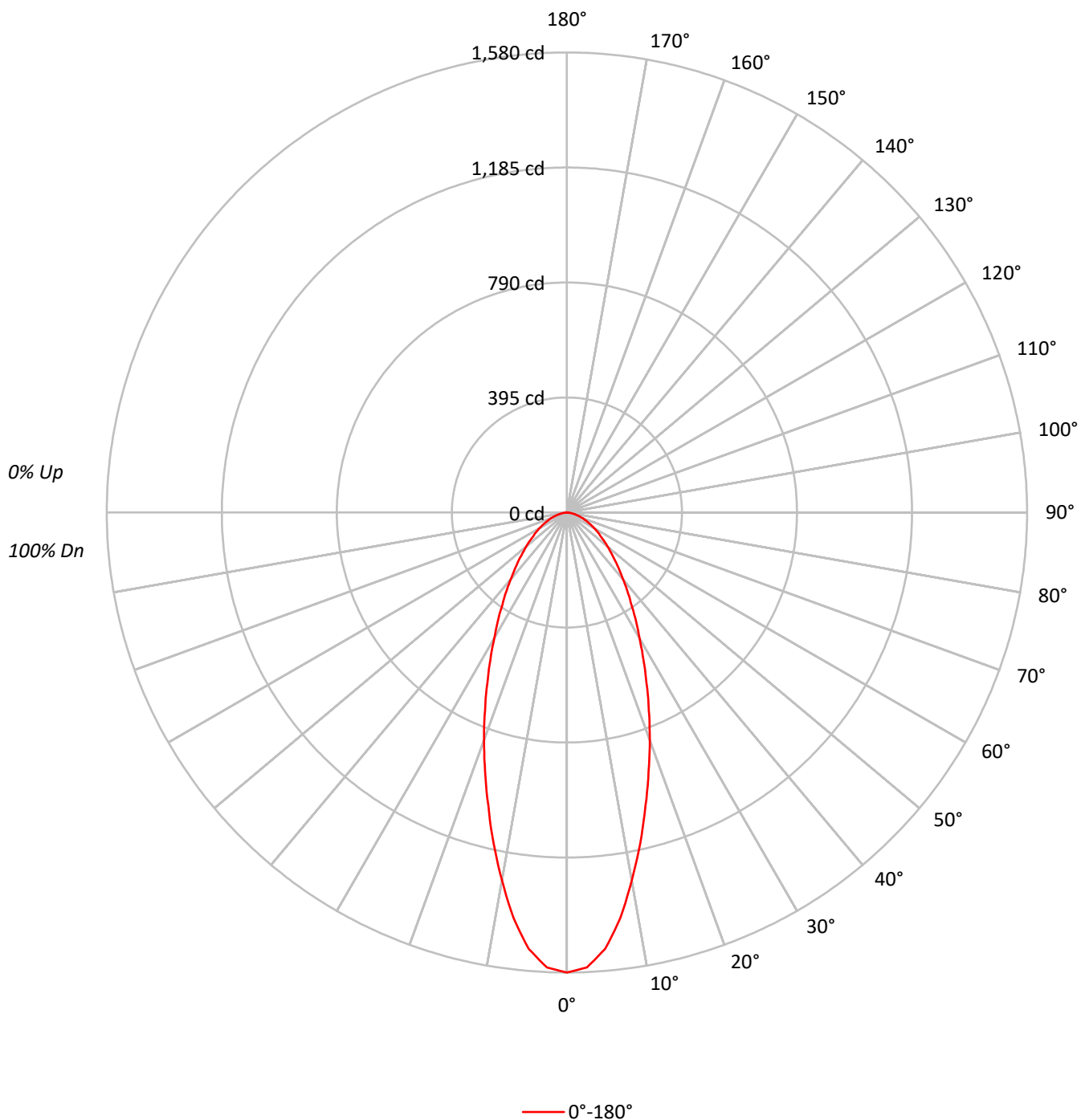
Lumens per Lamp: N/A
Luminaire Lumens: 1406.0 lumens
Efficiency: N/A
Efficacy: 48.8 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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°	346463
5°	331146
10°	285633
15°	236755
20°	194080
25°	156445
30°	126095
35°	103302
40°	85818
45°	72783
50°	62258
55°	53828
60°	48022
65°	41924
70°	36801
75°	30924
80°	23109
85°	13083

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 72783 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	136.4	9.7
10°-20°	290.8	20.7
20°-30°	298.1	21.2
30°-40°	243.7	17.3
40°-50°	182.2	13.0
50°-60°	128.0	9.1
60°-70°	80.6	5.7
70°-80°	38.8	2.8
80°-90°	7.4	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°	725.3	51.6
0°-40°	968.9	68.9
0°-60°	1279.2	91.0
0°-90°	1406.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1406.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1580	
5°	1504	136
15°	1043	291
25°	647	298
35°	386	244
45°	235	182
55°	141	128
65°	81	81
75°	36	39
85°	5	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1580.0
2.5°	1564.3
5°	1504.4
7.5°	1405.3
10°	1282.8
12.5°	1162.8
15°	1042.9
17.5°	933.4
20°	831.7
22.5°	735.2
25°	646.6
27.5°	568.4
30°	498.0
32.5°	440.6
35°	385.9
37.5°	341.5
40°	299.8
42.5°	265.9
45°	234.7
47.5°	206.0
50°	182.5
52.5°	161.6
55°	140.8
57.5°	125.1
60°	109.5
62.5°	93.9
65°	80.8
67.5°	67.8
70°	57.4
72.5°	46.9
75°	36.5
77.5°	26.1
80°	18.3
82.5°	10.4
85°	5.2
87.5°	2.6
90°	0.0

(END OF REPORT)