

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: P1255753

Luminaire Tested: P3A24R309035D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255753
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A24R309035D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

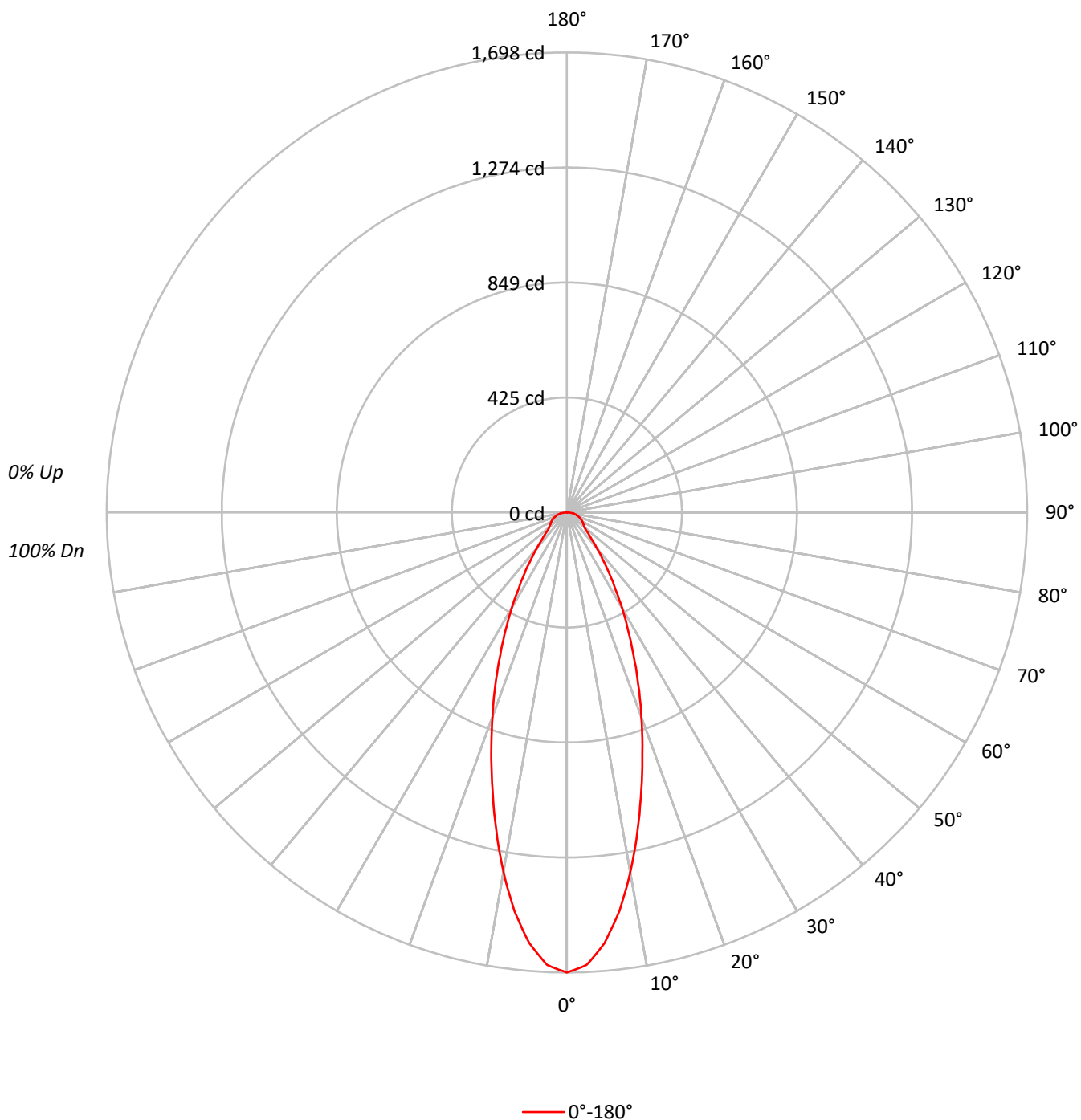
Lumens per Lamp: N/A
Luminaire Lumens: 1147.0 lumens
Efficiency: N/A
Efficacy: 39.8 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	101	102	100	97		98	96	94		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	72	81	76	71		79	74	71		77
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		72
6	83	73	67	62	82	72	66	62	71	65	61		69	64	61		68
7	79	69	62	57	78	68	62	57	67	61	57		66	60	57		64
8	75	65	58	54	74	64	58	54	63	57	53		62	57	53		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	58	52	48	57	51	48		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	372404
5°	351155
10°	300173
15°	240546
20°	187500
25°	141008
30°	102851
35°	72491
40°	49722
45°	35601
50°	29133
55°	28138
60°	28419
65°	29004
70°	30197
75°	32449
80°	33464
85°	36985

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 39479 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	144.3	12.6
10°-20°	294.4	25.7
20°-30°	268.3	23.4
30°-40°	170.8	14.9
40°-50°	91.4	8.0
50°-60°	66.9	5.8
60°-70°	56.1	4.9
70°-80°	39.3	3.4
80°-90°	15.6	1.4
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°	707.0	61.6
0°-40°	877.8	76.5
0°-60°	1036.0	90.3
0°-90°	1147.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1147.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1698	
5°	1595	144
15°	1060	294
25°	583	268
35°	271	171
45°	115	91
55°	74	67
65°	56	56
75°	38	39
85°	15	16
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1698.3
2.5°	1671.8
5°	1595.3
7.5°	1483.5
10°	1348.1
12.5°	1203.8
15°	1059.6
17.5°	927.2
20°	803.5
22.5°	688.7
25°	582.8
27.5°	488.6
30°	406.2
32.5°	329.7
35°	270.8
37.5°	214.9
40°	173.7
42.5°	138.3
45°	114.8
47.5°	94.2
50°	85.4
52.5°	79.5
55°	73.6
57.5°	70.6
60°	64.8
62.5°	61.8
65°	55.9
67.5°	53.0
70°	47.1
72.5°	41.2
75°	38.3
77.5°	32.4
80°	26.5
82.5°	23.5
85°	14.7
87.5°	5.9
90°	0.0

(END OF REPORT)