

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: P1253014

Luminaire Tested: P3AS24R259030D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253014
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R259030D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

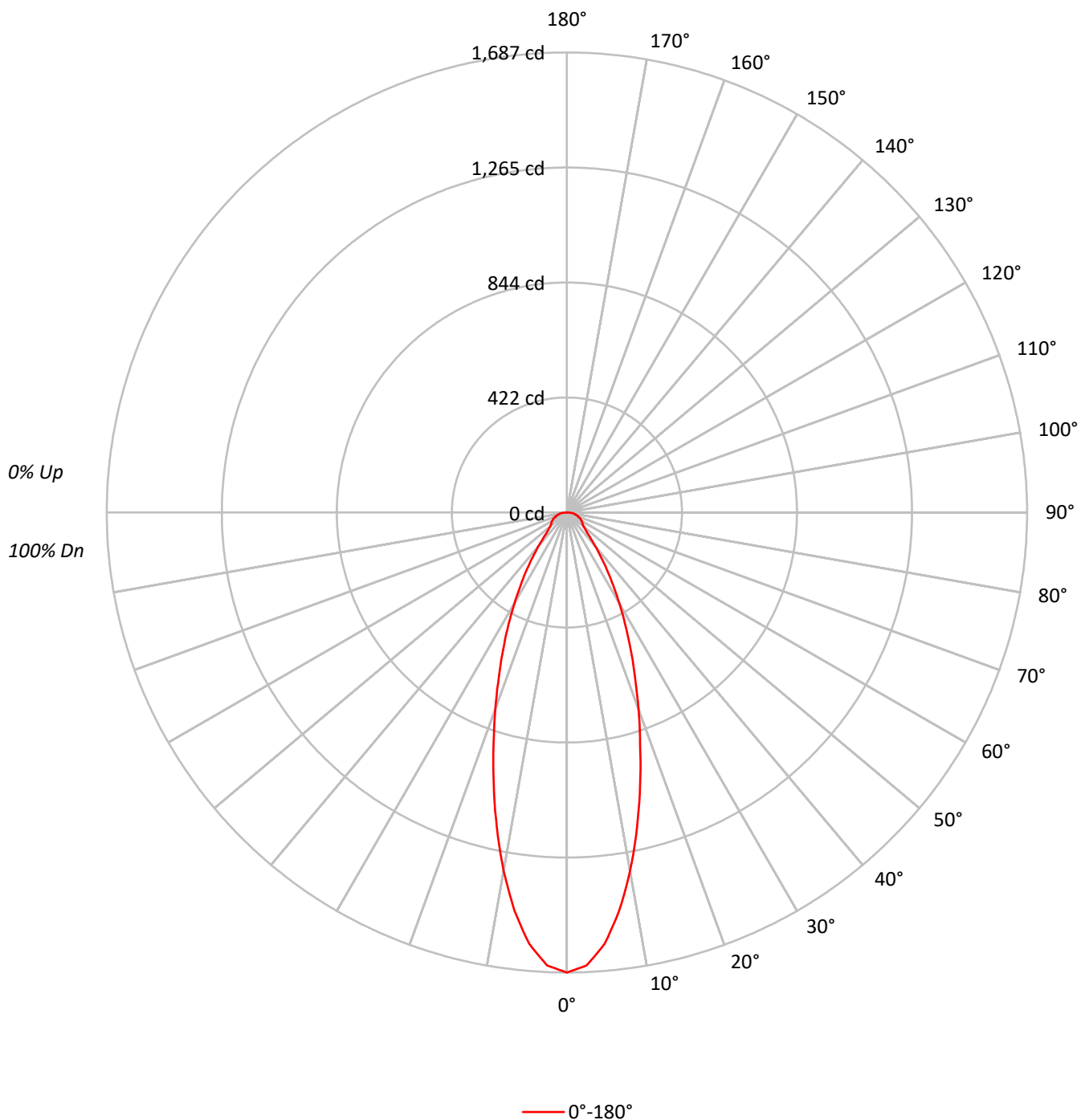
Lumens per Lamp: N/A
Luminaire Lumens: 1101.0 lumens
Efficiency: N/A
Efficacy: 38.2 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	369948
5°	349504
10°	297078
15°	235302
20°	178819
25°	133387
30°	97028
35°	68636
40°	46544
45°	32499
50°	27257
55°	26341
60°	27805
65°	28589
70°	28274
75°	30331
80°	34853
85°	34720

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 37127 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	143.3	13.0
10°-20°	286.9	26.1
20°-30°	254.0	23.1
30°-40°	161.8	14.7
40°-50°	85.6	7.8
50°-60°	62.9	5.7
60°-70°	53.6	4.9
70°-80°	37.8	3.4
80°-90°	15.0	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°	684.2	62.1
0°-40°	846.0	76.8
0°-60°	994.6	90.3
0°-90°	1101.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1101.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1687	
5°	1588	143
15°	1036	287
25°	551	254
35°	256	162
45°	105	86
55°	69	63
65°	55	54
75°	36	38
85°	14	15
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1687.1
2.5°	1662.2
5°	1587.8
7.5°	1472.0
10°	1334.2
12.5°	1185.3
15°	1036.5
17.5°	893.1
20°	766.3
22.5°	650.6
25°	551.3
27.5°	463.1
30°	383.2
32.5°	314.3
35°	256.4
37.5°	204.0
40°	162.6
42.5°	129.6
45°	104.8
47.5°	91.0
50°	79.9
52.5°	74.4
55°	68.9
57.5°	66.2
60°	63.4
62.5°	57.9
65°	55.1
67.5°	49.6
70°	44.1
72.5°	41.3
75°	35.8
77.5°	30.3
80°	27.6
82.5°	22.1
85°	13.8
87.5°	5.5
90°	0.0

(END OF REPORT)