

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: P1258460

Luminaire Tested: P3AS24R309040D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258460
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: P3AS24R309040D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

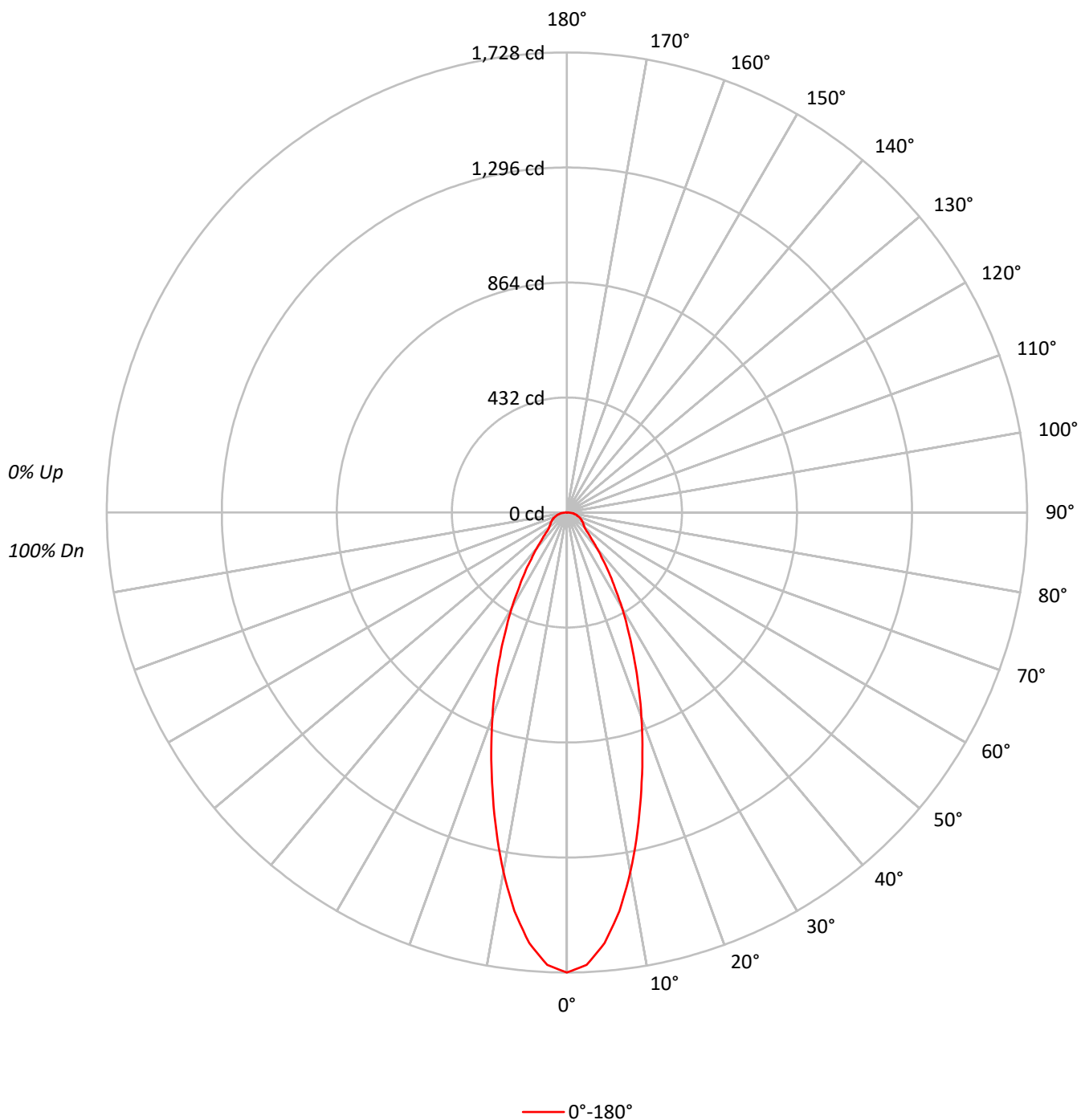
Lumens per Lamp: N/A
Luminaire Lumens: 1167.0 lumens
Efficiency: N/A
Efficacy: 40.5 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	378895
5°	357274
10°	305405
15°	244746
20°	190767
25°	143452
30°	104649
35°	73749
40°	50580
45°	36221
50°	29611
55°	28635
60°	28901
65°	29523
70°	30710
75°	32957
80°	34095
85°	37739

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 40319 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	146.9	12.6
10°-20°	299.6	25.7
20°-30°	272.9	23.4
30°-40°	173.7	14.9
40°-50°	93.0	8.0
50°-60°	68.0	5.8
60°-70°	57.1	4.9
70°-80°	39.9	3.4
80°-90°	15.9	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°	719.4	61.6
0°-40°	893.1	76.5
0°-60°	1054.1	90.3
0°-90°	1167.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1167.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1728	
5°	1623	147
15°	1078	300
25°	593	273
35°	276	174
45°	117	93
55°	75	68
65°	57	57
75°	39	40
85°	15	16
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1727.9
2.5°	1701.0
5°	1623.1
7.5°	1509.3
10°	1371.6
12.5°	1224.8
15°	1078.1
17.5°	943.3
20°	817.5
22.5°	700.8
25°	592.9
27.5°	497.1
30°	413.3
32.5°	335.4
35°	275.5
37.5°	218.6
40°	176.7
42.5°	140.8
45°	116.8
47.5°	95.8
50°	86.8
52.5°	80.9
55°	74.9
57.5°	71.9
60°	65.9
62.5°	62.9
65°	56.9
67.5°	53.9
70°	47.9
72.5°	41.9
75°	38.9
77.5°	32.9
80°	27.0
82.5°	24.0
85°	15.0
87.5°	6.0
90°	0.0

(END OF REPORT)