

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: P1250339

Luminaire Tested: P3AS24R309027D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250339
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: P3AS24R309027D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

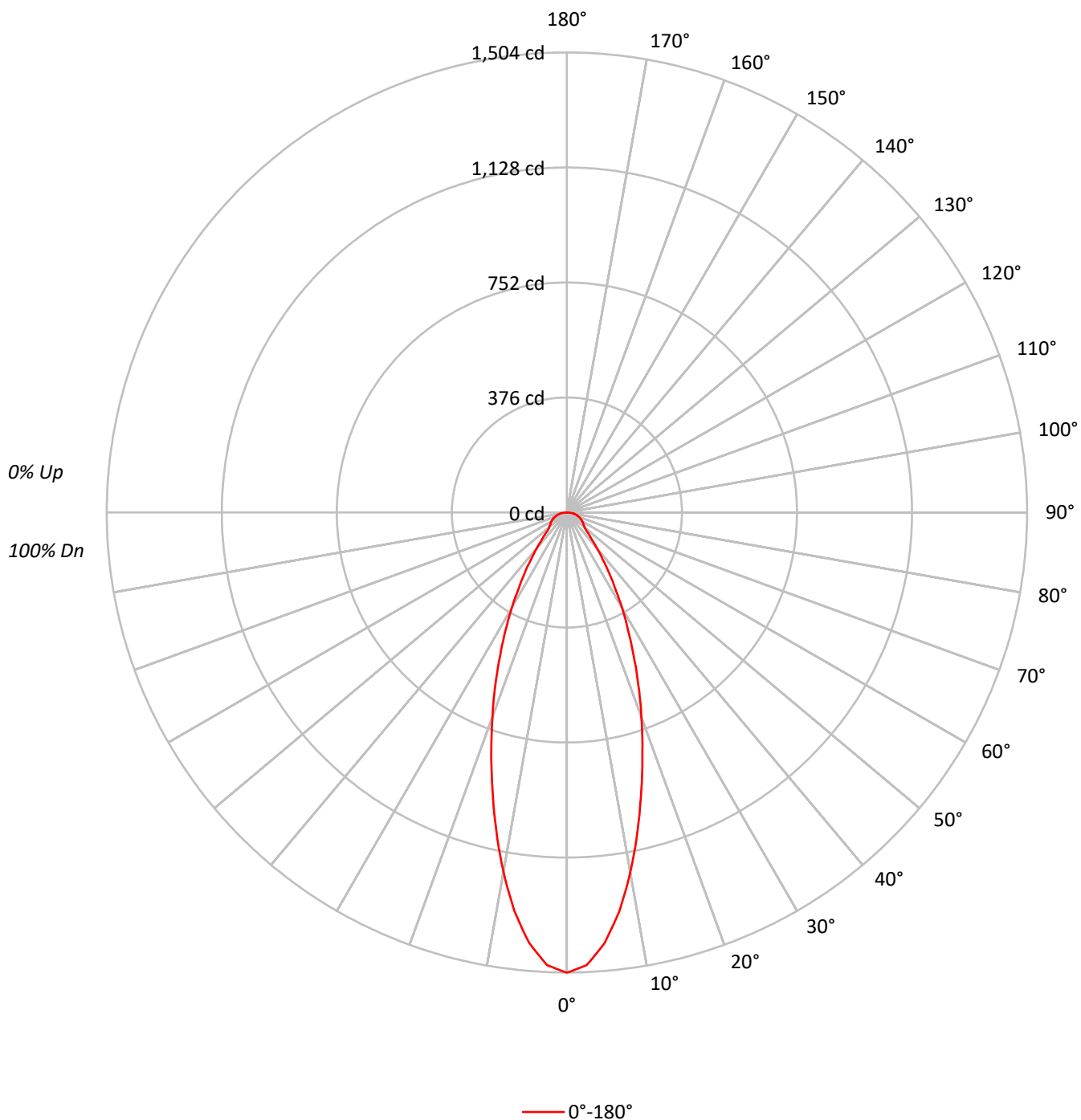
Lumens per Lamp: N/A
Luminaire Lumens: 1016.0 lumens
Efficiency: N/A
Efficacy: 35.3 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	329886
5°	311049
10°	265882
15°	213077
20°	166101
25°	124894
30°	91103
35°	64219
40°	44025
45°	31538
50°	25790
55°	24926
60°	25173
65°	25684
70°	26735
75°	28721
80°	29675
85°	32708

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 35111 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	127.9	12.6
10°-20°	260.8	25.7
20°-30°	237.6	23.4
30°-40°	151.2	14.9
40°-50°	80.9	8.0
50°-60°	59.2	5.8
60°-70°	49.7	4.9
70°-80°	34.8	3.4
80°-90°	13.8	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°	626.3	61.6
0°-40°	777.5	76.5
0°-60°	917.7	90.3
0°-90°	1016.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1016.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1504	
5°	1413	128
15°	939	261
25°	516	238
35°	240	151
45°	102	81
55°	65	59
65°	50	50
75°	34	35
85°	13	14
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1504.4
2.5°	1480.9
5°	1413.1
7.5°	1314.0
10°	1194.1
12.5°	1066.3
15°	938.6
17.5°	821.3
20°	711.8
22.5°	610.1
25°	516.2
27.5°	432.8
30°	359.8
32.5°	292.0
35°	239.9
37.5°	190.3
40°	153.8
42.5°	122.5
45°	101.7
47.5°	83.4
50°	75.6
52.5°	70.4
55°	65.2
57.5°	62.6
60°	57.4
62.5°	54.8
65°	49.5
67.5°	46.9
70°	41.7
72.5°	36.5
75°	33.9
77.5°	28.7
80°	23.5
82.5°	20.9
85°	13.0
87.5°	5.2
90°	0.0

(END OF REPORT)