

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: P1250307

Luminaire Tested: P3AS24R259027D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250307
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: P3AS24R259027D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

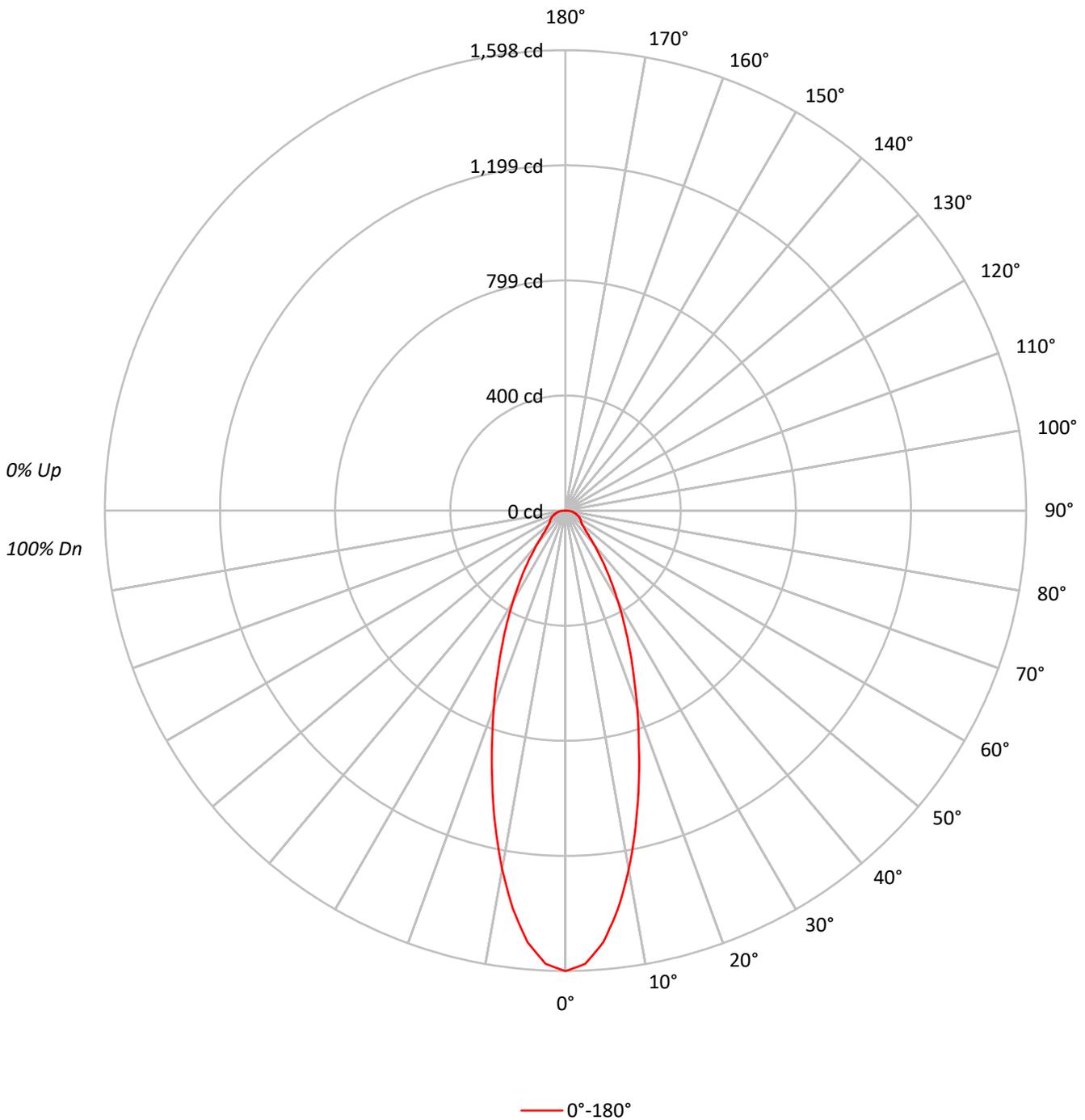
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1043.0 lumens
Efficiency: N/A
Efficacy: 36.2 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 (A_{in}): 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

TEST NUMBER: P1250307
CATALOG NUMBER: P3AS24R259027D010 E3PHLP1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1250307
 CATALOG NUMBER: P3AS24R259027D010 E3PHLP1MW

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20	
RC	80				70				50				30				10				0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				100
1	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	90				90
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81				81
3	99	91	85	80	97	90	84	80	87	82	78	84	80	77	82	79	76	74				74
4	93	84	78	73	91	83	77	73	81	76	72	79	74	71	77	73	70	68				68
5	88	79	72	67	86	78	71	67	76	70	66	74	69	66	72	68	65	63				63
6	84	74	67	62	82	73	66	62	71	66	61	70	65	61	68	64	61	59				59
7	79	69	63	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55				55
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52				52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49				49
10	69	59	52	48	68	58	52	48	57	52	48	56	51	48	56	51	48	46				46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	350454
5°	331102
10°	281424
15°	222907
20°	169415
25°	126370
30°	91913
35°	65022
40°	44111
45°	30763
50°	25824
55°	24964
60°	26358
65°	27085
70°	26799
75°	28721
80°	32959
85°	32959

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 35111 cd/sqm



TEST NUMBER: P1250307
 CATALOG NUMBER: P3AS24R259027D010 E3PHLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	135.8	13.0
10°-20°	271.8	26.1
20°-30°	240.7	23.1
30°-40°	153.3	14.7
40°-50°	81.1	7.8
50°-60°	59.6	5.7
60°-70°	50.8	4.9
70°-80°	35.8	3.4
80°-90°	14.2	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°	648.2	62.1
0°-40°	801.5	76.8
0°-60°	942.2	90.3
0°-90°	1043.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1043.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1598	
5°	1504	136
15°	982	272
25°	522	241
35°	243	153
45°	99	81
55°	65	60
65°	52	51
75°	34	36
85°	13	14
90°	0	



TEST NUMBER: P1250307
CATALOG NUMBER: P3AS24R259027D010 E3PHLP1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	1598.2
2.5°	1574.7
5°	1504.2
7.5°	1394.5
10°	1263.9
12.5°	1122.9
15°	981.9
17.5°	846.1
20°	726.0
22.5°	616.3
25°	522.3
27.5°	438.7
30°	363.0
32.5°	297.7
35°	242.9
37.5°	193.2
40°	154.1
42.5°	122.7
45°	99.2
47.5°	86.2
50°	75.7
52.5°	70.5
55°	65.3
57.5°	62.7
60°	60.1
62.5°	54.8
65°	52.2
67.5°	47.0
70°	41.8
72.5°	39.2
75°	33.9
77.5°	28.7
80°	26.1
82.5°	20.9
85°	13.1
87.5°	5.2
90°	0.0

(END OF REPORT)