

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: P1261025

Luminaire Tested: P3AS24R259050D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261025
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: P3AS24R259050D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

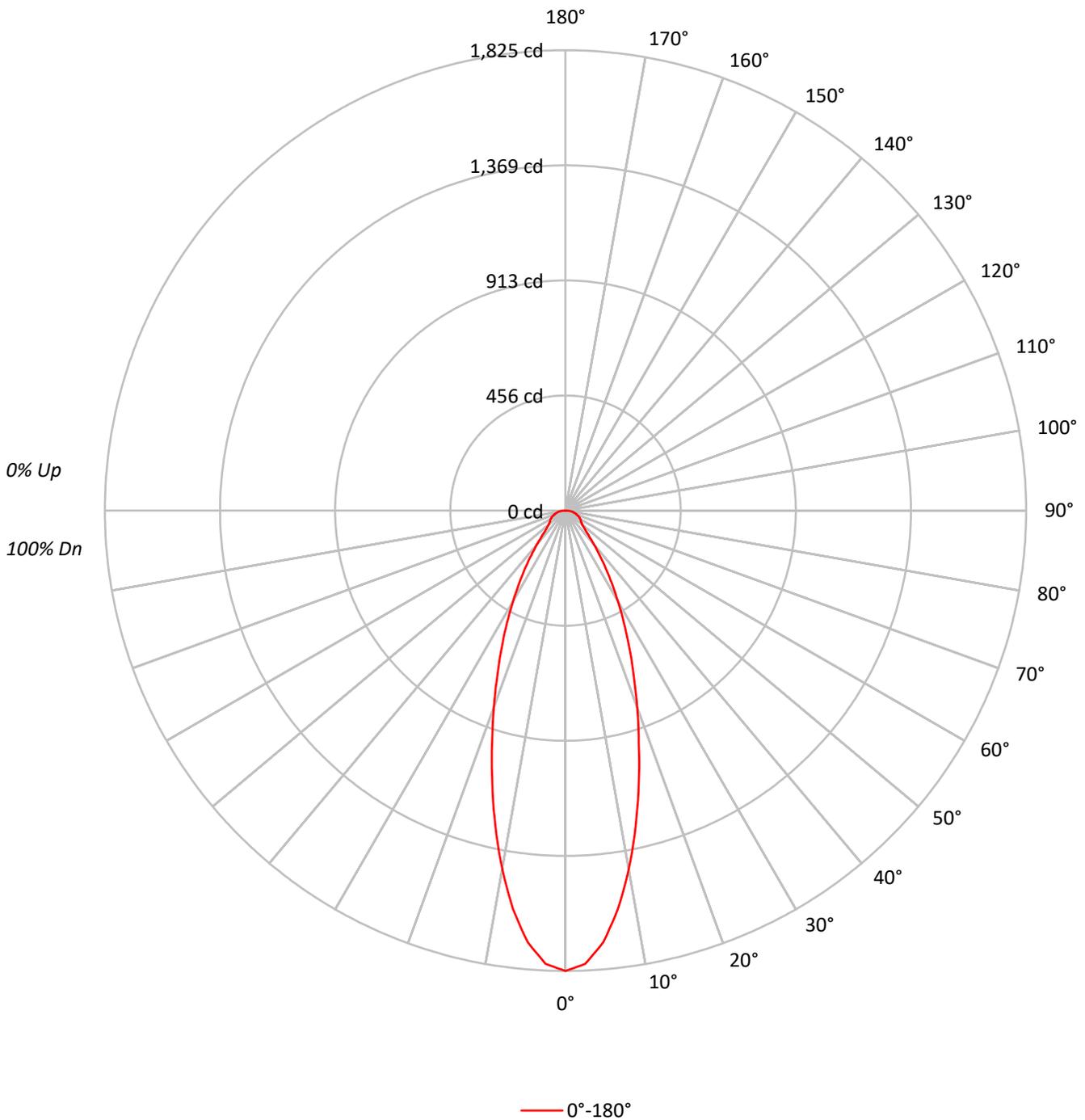
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1191.0 lumens
Efficiency: N/A
Efficacy: 41.4 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: P1261025
CATALOG NUMBER: P3AS24R259050D010 E3PHLP1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1261025
 CATALOG NUMBER: P3AS24R259050D010 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°	400187
5°	378075
10°	321370
15°	254530
20°	193450
25°	144299
30°	104953
35°	74231
40°	50351
45°	35135
50°	29509
55°	28482
60°	30085
65°	30924
70°	30582
75°	32873
80°	37631
85°	37488

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 40151 cd/sqm



TEST NUMBER: P1261025
 CATALOG NUMBER: P3AS24R259050D010 E3PHLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	155.0	13.0
10°-20°	310.3	26.1
20°-30°	274.8	23.1
30°-40°	175.0	14.7
40°-50°	92.6	7.8
50°-60°	68.1	5.7
60°-70°	58.0	4.9
70°-80°	40.9	3.4
80°-90°	16.2	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°	740.2	62.1
0°-40°	915.2	76.8
0°-60°	1075.9	90.3
0°-90°	1191.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1191.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1825	
5°	1718	155
15°	1121	310
25°	596	275
35°	277	175
45°	113	93
55°	74	68
65°	60	58
75°	39	41
85°	15	16
90°	0	

TEST NUMBER: P1261025
CATALOG NUMBER: P3AS24R259050D010 E3PHLP1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	1825.0
2.5°	1798.1
5°	1717.6
7.5°	1592.4
10°	1443.3
12.5°	1282.2
15°	1121.2
17.5°	966.2
20°	829.0
22.5°	703.7
25°	596.4
27.5°	501.0
30°	414.5
32.5°	339.9
35°	277.3
37.5°	220.7
40°	175.9
42.5°	140.2
45°	113.3
47.5°	98.4
50°	86.5
52.5°	80.5
55°	74.5
57.5°	71.6
60°	68.6
62.5°	62.6
65°	59.6
67.5°	53.7
70°	47.7
72.5°	44.7
75°	38.8
77.5°	32.8
80°	29.8
82.5°	23.9
85°	14.9
87.5°	6.0
90°	0.0

(END OF REPORT)