

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: P1261009

Luminaire Tested: P3AS24R259050D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261009
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R259050D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

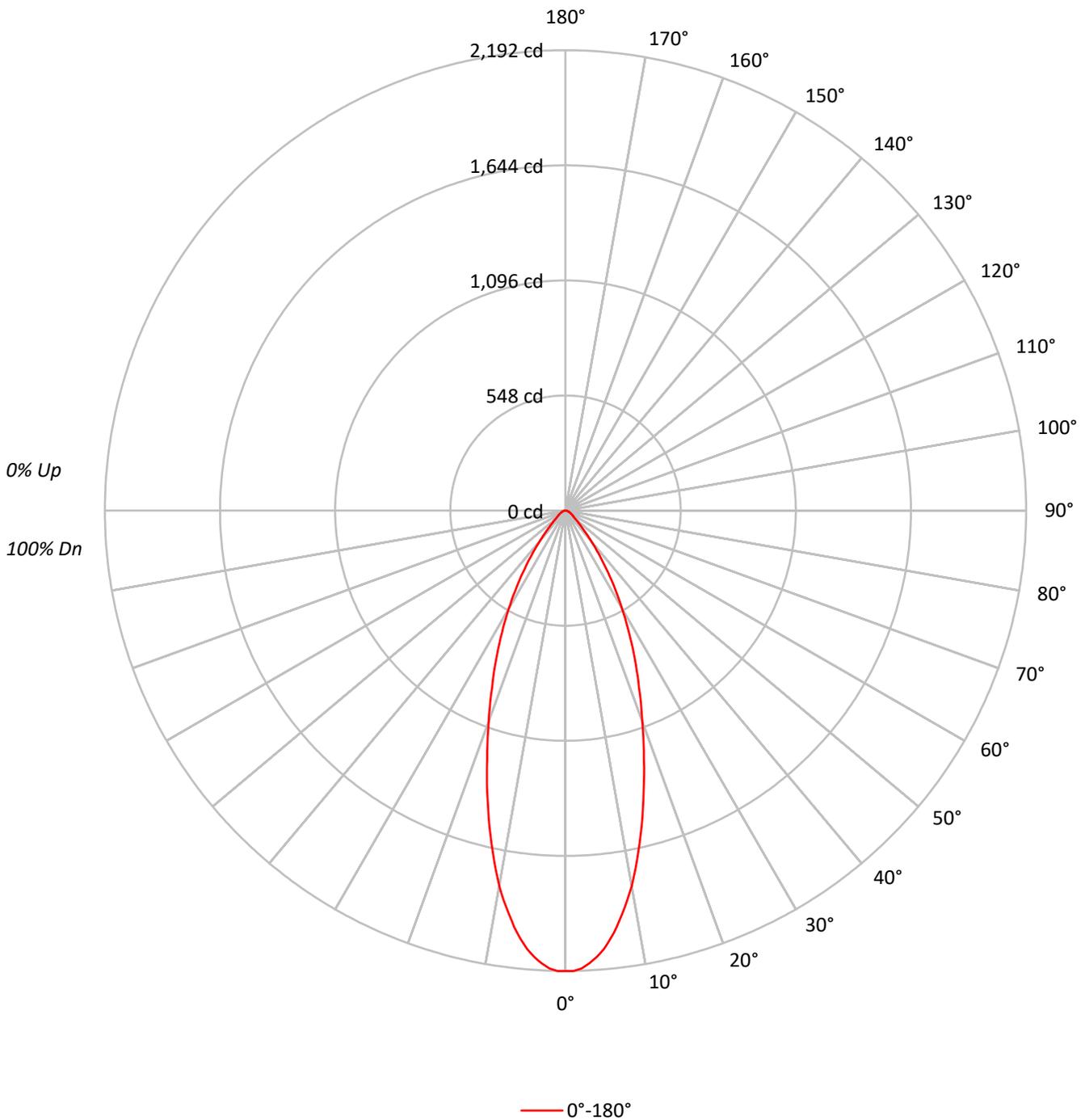
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1324.0 lumens
Efficiency: N/A
Efficacy: 46.0 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
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

TEST NUMBER: P1261009
CATALOG NUMBER: P3AS24R259050D010 E3DL1WH

Luminous Intensity Polar Plot





TEST NUMBER: P1261009
 CATALOG NUMBER: P3AS24R259050D010 E3DL1WH

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	100	100
1	113	110	108	105	111	108	106	104	104	102	101	100	99	98	97	96	95	93	93	93	93
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86	86	86	86
3	102	95	90	86	100	94	89	86	91	87	84	89	86	83	87	84	82	80	80	80	80
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	75	75	75	75
5	92	84	78	74	91	83	77	73	81	76	73	79	75	72	78	74	71	70	70	70	70
6	88	79	73	69	86	78	72	68	77	72	68	75	71	67	74	70	67	66	66	66	66
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62	62	62	62
8	80	70	65	60	79	70	64	60	69	64	60	68	63	60	67	63	60	58	58	58	58
9	76	67	61	57	75	66	61	57	65	60	57	65	60	57	64	59	56	55	55	55	55
10	73	64	58	54	72	63	58	54	62	57	54	62	57	54	61	57	54	52	52	52	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	480685
5°	461170
10°	404001
15°	324724
20°	249502
25°	188769
30°	136401
35°	90614
40°	54960
45°	32003
50°	20434
55°	16554
60°	14473
65°	12868
70°	10579
75°	10506
80°	7829
85°	10315

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 32003 cd/sqm



TEST NUMBER: P1261009
 CATALOG NUMBER: P3AS24R259050D010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	190.7	14.4
10°-20°	395.5	29.9
20°-30°	357.7	27.0
30°-40°	214.9	16.2
40°-50°	85.4	6.4
50°-60°	39.4	3.0
60°-70°	24.0	1.8
70°-80°	12.8	1.0
80°-90°	3.6	0.3
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°	944.0	71.3
0°-40°	1158.8	87.5
0°-60°	1283.6	96.9
0°-90°	1324.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1324.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2192	
5°	2095	191
15°	1430	396
25°	780	358
35°	338	215
45°	103	85
55°	43	39
65°	25	24
75°	12	13
85°	4	4
90°	0	



TEST NUMBER: P1261009
CATALOG NUMBER: P3AS24R259050D010 E3DL1WH

CANDELA DISTRIBUTION (FULL):

0°	
0°	2192.1
1°	2192.1
2°	2181.8
3°	2159.1
4°	2130.2
5°	2095.1
6°	2049.7
7°	1998.1
8°	1938.2
9°	1878.4
10°	1814.4
11°	1740.1
12°	1663.7
13°	1587.3
14°	1510.9
15°	1430.4
17.5°	1240.5
20°	1069.2
22.5°	914.4
25°	780.2
27.5°	654.3
30°	538.7
32.5°	433.5
35°	338.5
37.5°	258.0
40°	192.0
42.5°	140.4
45°	103.2
47.5°	78.4
50°	59.9
52.5°	49.5
55°	43.3
57.5°	37.2
60°	33.0
62.5°	26.8
65°	24.8
67.5°	20.6
70°	16.5
72.5°	14.4
75°	12.4
77.5°	10.3
80°	6.2
82.5°	4.1
85°	4.1
87.5°	2.1



TEST NUMBER: P1261009
CATALOG NUMBER: P3AS24R259050D010 E3DL1WH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)