

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: P1253009

Luminaire Tested: P3AS24R259030D010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253009
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: P3AS24R259030D010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

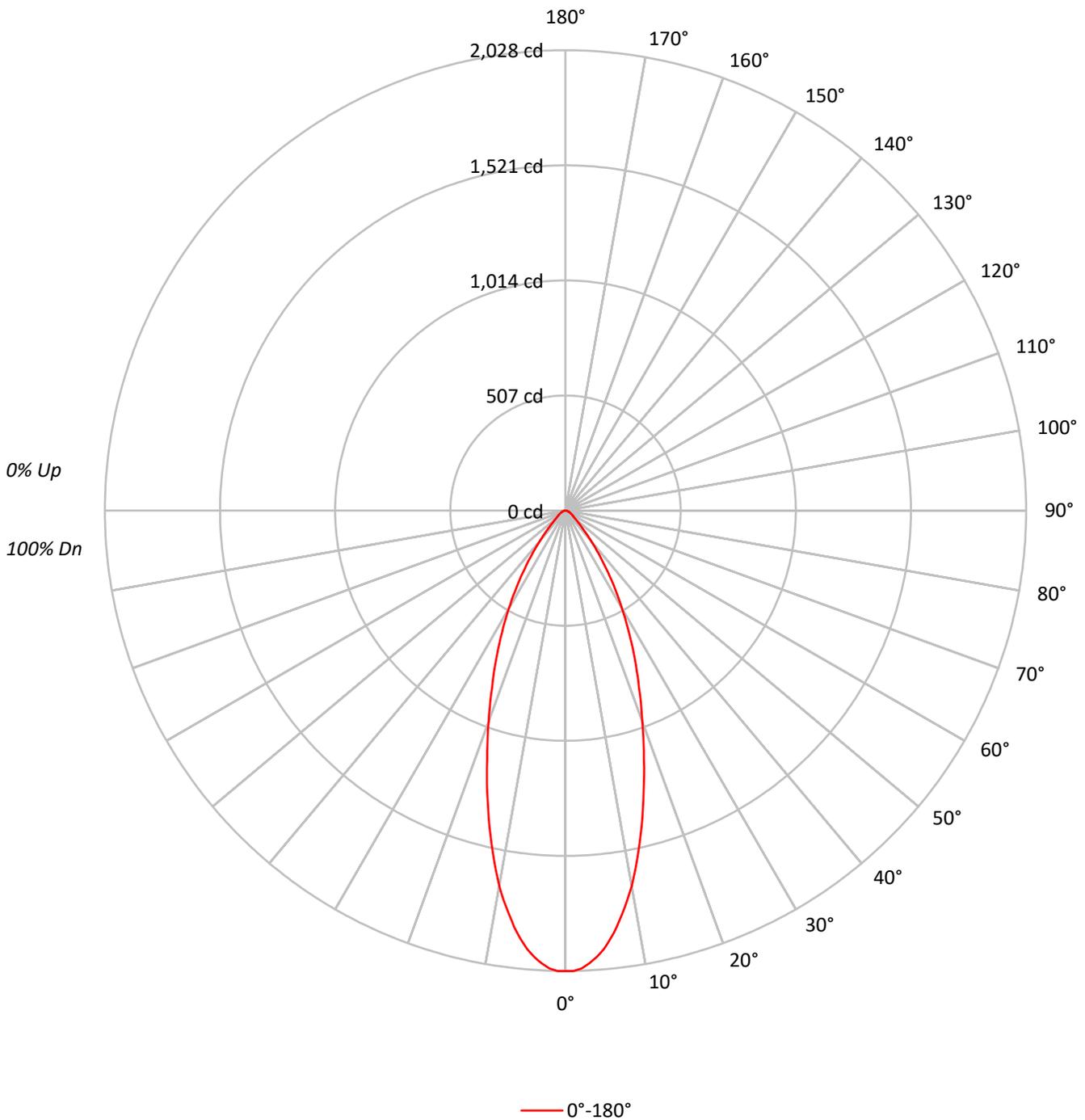
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1225.0 lumens
Efficiency: N/A
Efficacy: 42.5 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: P1253009
CATALOG NUMBER: P3AS24R259030D010 E3DLP1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1253009

CATALOG NUMBER: P3AS24R259030D010 E3DLP1MW

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	444745
5°	426677
10°	373785
15°	300456
20°	230857
25°	174663
30°	126222
35°	83841
40°	50838
45°	29615
50°	18899
55°	15330
60°	13420
65°	11882
70°	9809
75°	9743
80°	7198
85°	9561

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 29615 cd/sqm



TEST NUMBER: P1253009
 CATALOG NUMBER: P3AS24R259030D010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	176.5	14.4
10°-20°	366.0	29.9
20°-30°	331.0	27.0
30°-40°	198.8	16.2
40°-50°	79.0	6.4
50°-60°	36.4	3.0
60°-70°	22.2	1.8
70°-80°	11.8	1.0
80°-90°	3.4	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°	873.4	71.3
0°-40°	1072.2	87.5
0°-60°	1187.6	96.9
0°-90°	1225.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1225.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2028	
5°	1938	176
15°	1324	366
25°	722	331
35°	313	199
45°	96	79
55°	40	36
65°	23	22
75°	12	12
85°	4	3
90°	0	



TEST NUMBER: P1253009
CATALOG NUMBER: P3AS24R259030D010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	2028.2
1°	2028.2
2°	2018.6
3°	1997.6
4°	1970.9
5°	1938.4
6°	1896.4
7°	1848.7
8°	1793.3
9°	1737.9
10°	1678.7
11°	1609.9
12°	1539.3
13°	1468.6
14°	1398.0
15°	1323.5
17.5°	1147.8
20°	989.3
22.5°	846.0
25°	721.9
27.5°	605.4
30°	498.5
32.5°	401.1
35°	313.2
37.5°	238.7
40°	177.6
42.5°	129.9
45°	95.5
47.5°	72.6
50°	55.4
52.5°	45.8
55°	40.1
57.5°	34.4
60°	30.6
62.5°	24.8
65°	22.9
67.5°	19.1
70°	15.3
72.5°	13.4
75°	11.5
77.5°	9.5
80°	5.7
82.5°	3.8
85°	3.8
87.5°	1.9



TEST NUMBER: P1253009
CATALOG NUMBER: P3AS24R259030D010 E3DLP1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)