

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: P1253003

Luminaire Tested: P3AS24R259030D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253003
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R259030D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

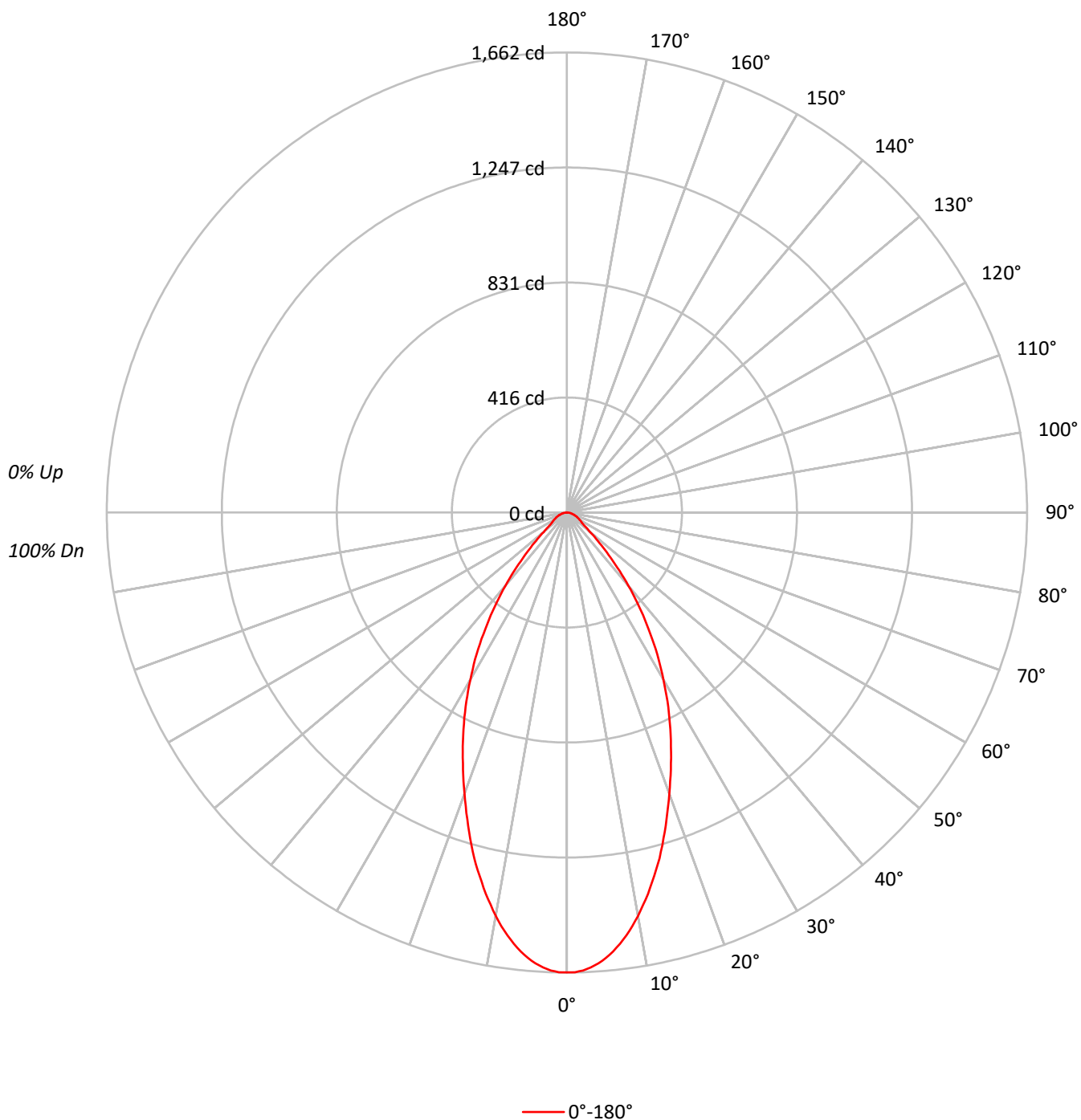
Lumens per Lamp: N/A
Luminaire Lumens: 1533.0 lumens
Efficiency: N/A
Efficacy: 53.2 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1253003

CATALOG NUMBER: P3AS24R259030D010 E3DLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1253003

CATALOG NUMBER: P3AS24R259030D010 E3DLD1MW

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	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	364335
5°	355645
10°	329564
15°	293509
20°	252232
25°	214391
30°	176508
35°	137514
40°	98957
45°	62766
50°	37150
55°	25538
60°	23463
65°	21792
70°	19619
75°	17792
80°	16921
85°	14341

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 62766 cd/sqm

TEST NUMBER: P1253003

CATALOG NUMBER: P3AS24R259030D010 E3DLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	149.8	9.8
10°-20°	358.9	23.4
20°-30°	405.5	26.5
30°-40°	320.8	20.9
40°-50°	162.0	10.6
50°-60°	64.9	4.2
60°-70°	41.6	2.7
70°-80°	22.9	1.5
80°-90°	6.5	0.4
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°	914.3	59.6
0°-40°	1235.1	80.6
0°-60°	1462.0	95.4
0°-90°	1533.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1533.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1662	
5°	1616	150
15°	1293	359
25°	886	406
35°	514	321
45°	202	162
55°	67	65
65°	42	42
75°	21	23
85°	6	6
90°	0	

TEST NUMBER: P1253003

CATALOG NUMBER: P3AS24R259030D010 E3DLD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1661.5
1°	1661.5
2°	1655.8
3°	1646.2
4°	1632.9
5°	1615.7
6°	1594.7
7°	1569.9
8°	1543.1
9°	1512.6
10°	1480.1
11°	1443.8
12°	1409.4
13°	1369.3
14°	1331.1
15°	1292.9
17.5°	1186.0
20°	1080.9
22.5°	981.6
25°	886.1
27.5°	792.6
30°	697.1
32.5°	607.3
35°	513.7
37.5°	427.8
40°	345.7
42.5°	269.3
45°	202.4
47.5°	150.9
50°	108.9
52.5°	82.1
55°	66.8
57.5°	61.1
60°	53.5
62.5°	47.7
65°	42.0
67.5°	36.3
70°	30.6
72.5°	26.7
75°	21.0
77.5°	17.2
80°	13.4
82.5°	9.5
85°	5.7
87.5°	1.9



TEST NUMBER: P1253003

CATALOG NUMBER: P3AS24R259030D010 E3DLD1MW

CANDELA DISTRIBUTION (continued):



(END OF REPORT)