

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: P1255937

Luminaire Tested: P3A24R659035D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255937
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A24R659035D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

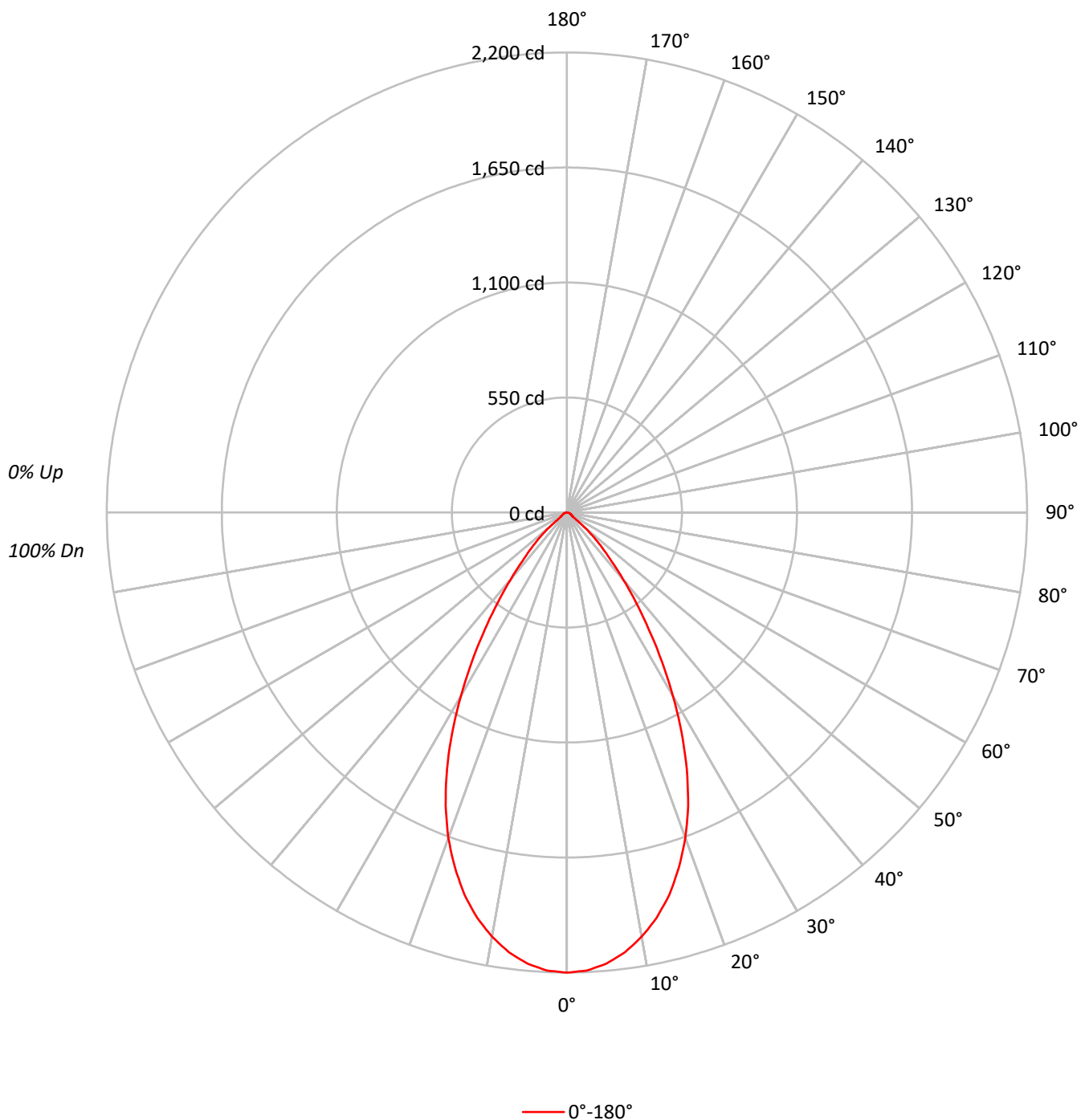
Lumens per Lamp: N/A
Luminaire Lumens: 2046.0 lumens
Efficiency: N/A
Efficacy: 71.0 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1255937

CATALOG NUMBER: P3A24R659035D010 E3DL1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1255937

CATALOG NUMBER: P3A24R659035D010 E3DL1MW

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	113	110	107	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	84	90	86	83		88	85	82		86
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		81
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	64	61		69	64	60		67
8	77	67	61	57	76	67	61	57	66	60	57		65	60	56		64
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		60
10	70	60	54	50	69	59	54	50	59	53	50		58	53	50		57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	482505
5°	476710
10°	458620
15°	429628
20°	386410
25°	328108
30°	256622
35°	182887
40°	119681
45°	73992
50°	37560
55°	13266
60°	11622
65°	11623
70°	10450
75°	10336
80°	10355
85°	10315

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 73992 cd/sqm

TEST NUMBER: P1255937

CATALOG NUMBER: P3A24R659035D010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	203.3	9.9
10°-20°	526.7	25.7
20°-30°	615.5	30.1
30°-40°	430.2	21.0
40°-50°	189.3	9.3
50°-60°	42.2	2.1
60°-70°	21.4	1.0
70°-80°	12.9	0.6
80°-90°	4.4	0.2
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°	1345.6	65.8
0°-40°	1775.7	86.8
0°-60°	2007.2	98.1
0°-90°	2046.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2046.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2200	
5°	2166	203
15°	1892	527
25°	1356	616
35°	683	430
45°	239	189
55°	35	42
65°	22	21
75°	12	13
85°	4	4
90°	0	

TEST NUMBER: P1255937

CATALOG NUMBER: P3A24R659035D010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	2200.4
2.5°	2192.2
5°	2165.7
7.5°	2120.9
10°	2059.7
12.5°	1984.2
15°	1892.5
17.5°	1780.3
20°	1655.9
22.5°	1515.2
25°	1356.1
27.5°	1188.9
30°	1013.5
32.5°	844.3
35°	683.2
37.5°	542.5
40°	418.1
42.5°	316.1
45°	238.6
47.5°	175.4
50°	110.1
52.5°	57.1
55°	34.7
57.5°	30.6
60°	26.5
62.5°	24.5
65°	22.4
67.5°	18.4
70°	16.3
72.5°	14.3
75°	12.2
77.5°	10.2
80°	8.2
82.5°	6.1
85°	4.1
87.5°	2.0
90°	0.0

(END OF REPORT)