

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: P1255928

Luminaire Tested: P3A24R659035D010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255928
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-44)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A24R659035D010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 90CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

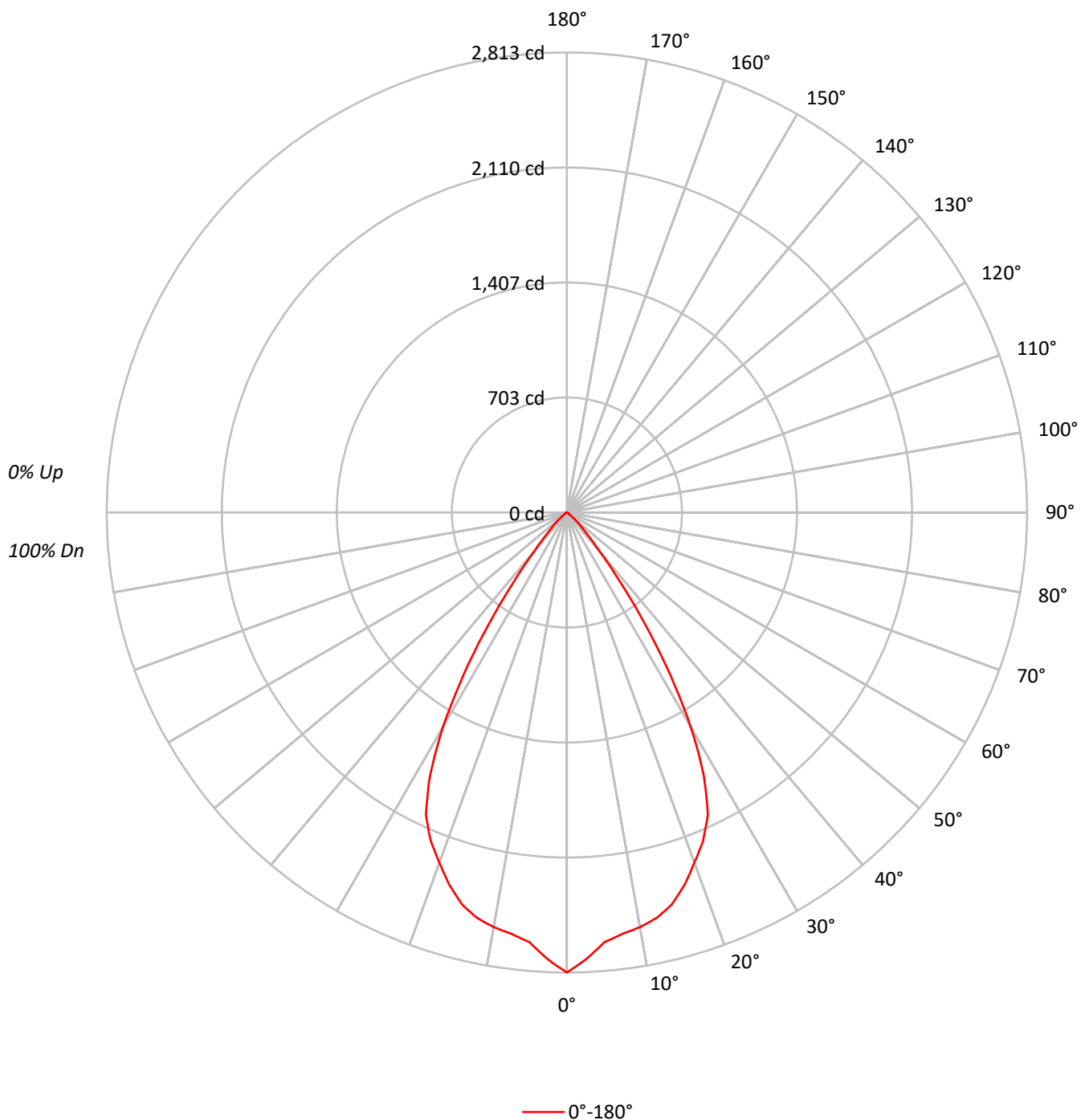
Lumens per Lamp: N/A
Luminaire Lumens: 2524.0 lumens
Efficiency: N/A
Efficacy: 87.6 lumens/watt
Spacing Criteria (0/90/45): 0.98 / 0.98 / 0.9
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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Luminous Intensity Polar Plot



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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	114	111	108	106	111	109	106	104	105	103	101		101	99	98		97
2	108	103	99	96	106	101	98	95	98	95	93		95	93	91		92
3	103	96	91	87	101	95	90	87	92	88	85		90	87	84		88
4	97	90	84	80	96	89	84	80	87	82	79		85	81	78		83
5	93	84	78	74	91	83	78	74	82	77	73		80	76	73		78
6	88	79	73	69	86	78	73	69	77	72	68		75	71	68		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	64	60	78	69	64	60	68	63	60		67	63	59		66
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		60	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	616815
5°	580518
10°	573136
15°	563045
20°	531603
25°	493383
30°	383502
35°	221863
40°	89396
45°	41152
50°	15999
55°	6232
60°	5350
65°	5292
70°	5257
75°	5168
80°	5177
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 41152 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	250.7	9.9
10°-20°	692.6	27.4
20°-30°	906.6	35.9
30°-40°	525.1	20.8
40°-50°	112.4	4.5
50°-60°	18.3	0.7
60°-70°	10.1	0.4
70°-80°	5.9	0.2
80°-90°	2.2	0.1
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°	1849.9	73.3
0°-40°	2375.1	94.1
0°-60°	2505.8	99.3
0°-90°	2524.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2524.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2813	
5°	2637	251
15°	2480	693
25°	2039	907
35°	829	525
45°	133	112
55°	16	18
65°	10	10
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2812.9
2.5°	2733.3
5°	2637.3
7.5°	2598.5
10°	2574.0
12.5°	2539.3
15°	2480.2
17.5°	2388.3
20°	2278.1
22.5°	2174.0
25°	2039.2
27.5°	1812.7
30°	1514.6
32.5°	1173.7
35°	828.8
37.5°	524.6
40°	312.3
42.5°	196.0
45°	132.7
47.5°	85.7
50°	46.9
52.5°	22.5
55°	16.3
57.5°	14.3
60°	12.2
62.5°	12.2
65°	10.2
67.5°	8.2
70°	8.2
72.5°	6.1
75°	6.1
77.5°	4.1
80°	4.1
82.5°	2.0
85°	2.0
87.5°	2.0
90°	0.0

(END OF REPORT)