

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: P1253221

Luminaire Tested: P3AS24R659030D010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253221
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: P3AS24R659030D010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 90CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

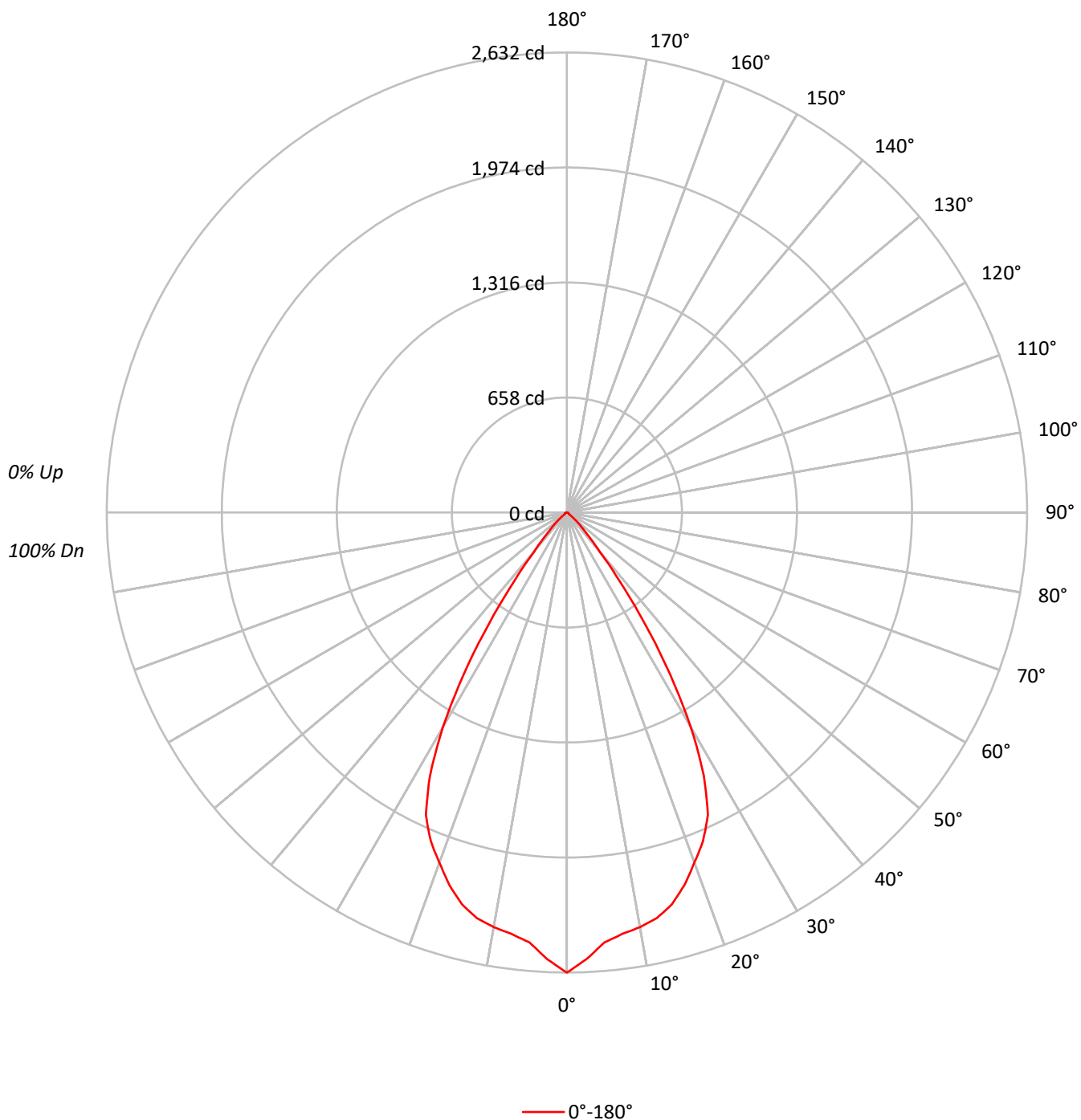
Lumens per Lamp: N/A
Luminaire Lumens: 2362.0 lumens
Efficiency: N/A
Efficacy: 82.0 lumens/watt
Spacing Criteria (0/90/45): 0.98 / 0.98 / 0.9
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	577213
5°	543274
10°	536352
15°	526904
20°	497463
25°	461712
30°	358891
35°	207622
40°	83671
45°	38516
50°	14976
55°	5849
60°	5043
65°	4981
70°	4873
75°	4829
80°	4799
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 38516 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	234.6	9.9
10°-20°	648.1	27.4
20°-30°	848.4	35.9
30°-40°	491.4	20.8
40°-50°	105.2	4.5
50°-60°	17.1	0.7
60°-70°	9.5	0.4
70°-80°	5.5	0.2
80°-90°	2.1	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°	1731.2	73.3
0°-40°	2222.6	94.1
0°-60°	2344.9	99.3
0°-90°	2362.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2362.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2632	
5°	2468	235
15°	2321	648
25°	1908	848
35°	776	491
45°	124	105
55°	15	17
65°	10	9
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	2632.3
2.5°	2557.8
5°	2468.1
7.5°	2431.8
10°	2408.8
12.5°	2376.4
15°	2321.0
17.5°	2235.0
20°	2131.8
22.5°	2034.4
25°	1908.3
27.5°	1696.3
30°	1417.4
32.5°	1098.4
35°	775.6
37.5°	490.9
40°	292.3
42.5°	183.4
45°	124.2
47.5°	80.2
50°	43.9
52.5°	21.0
55°	15.3
57.5°	13.4
60°	11.5
62.5°	11.5
65°	9.6
67.5°	7.6
70°	7.6
72.5°	5.7
75°	5.7
77.5°	3.8
80°	3.8
82.5°	1.9
85°	1.9
87.5°	1.9
90°	0.0

(END OF REPORT)