

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: P1250238

Luminaire Tested: P3AS24R159027D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250238
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R159027D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

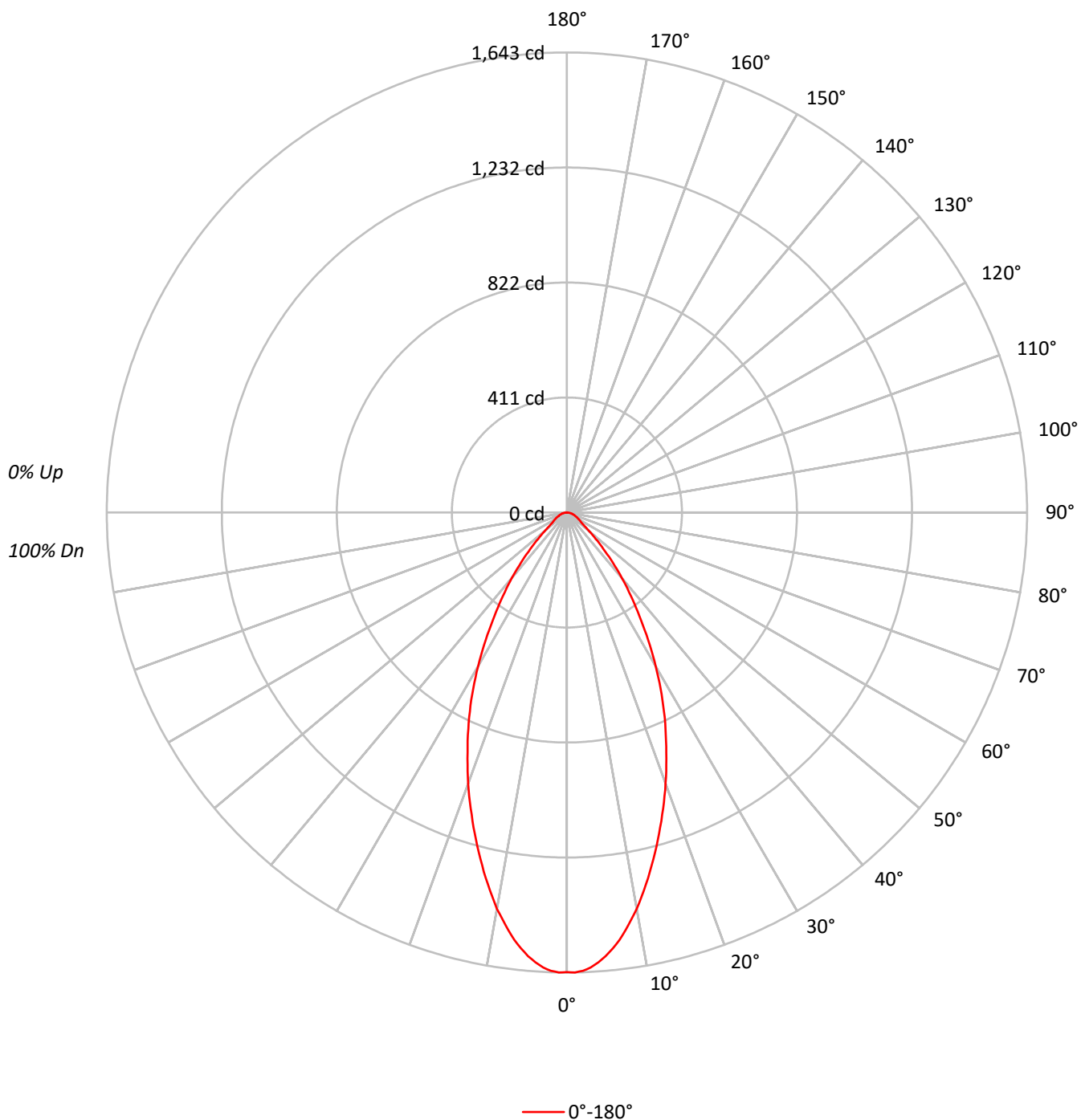
Lumens per Lamp: N/A
Luminaire Lumens: 1427.0 lumens
Efficiency: N/A
Efficacy: 49.5 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	71	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	359949
5°	350164
10°	320012
15°	280297
20°	240448
25°	200770
30°	160658
35°	120488
40°	87450
45°	57184
50°	35786
55°	24200
60°	21402
65°	19717
70°	18529
75°	16860
80°	16037
85°	13586

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 57184 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	146.8	10.3
10°-20°	344.0	24.1
20°-30°	379.1	26.6
30°-40°	283.8	19.9
40°-50°	147.1	10.3
50°-60°	61.0	4.3
60°-70°	37.8	2.6
70°-80°	21.2	1.5
80°-90°	6.1	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°	869.9	61.0
0°-40°	1153.7	80.9
0°-60°	1361.8	95.4
0°-90°	1427.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1427.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1642	
5°	1591	147
15°	1235	344
25°	830	379
35°	450	284
45°	184	147
55°	63	61
65°	38	38
75°	20	21
85°	5	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1641.5
1°	1643.3
2°	1637.9
3°	1627.0
4°	1610.7
5°	1590.8
6°	1565.5
7°	1538.4
8°	1505.9
9°	1471.5
10°	1437.2
12.5°	1337.8
15°	1234.7
17.5°	1131.7
20°	1030.4
22.5°	927.4
25°	829.8
27.5°	732.2
30°	634.5
32.5°	538.7
35°	450.1
37.5°	374.2
40°	305.5
42.5°	242.2
45°	184.4
47.5°	139.2
50°	104.9
52.5°	77.7
55°	63.3
57.5°	56.0
60°	48.8
62.5°	43.4
65°	38.0
67.5°	32.5
70°	28.9
72.5°	23.5
75°	19.9
77.5°	16.3
80°	12.7
82.5°	9.0
85°	5.4
87.5°	1.8
90°	0.0

(END OF REPORT)