

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: P1250356

Luminaire Tested: P3AS24R359027D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250356
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R359027D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

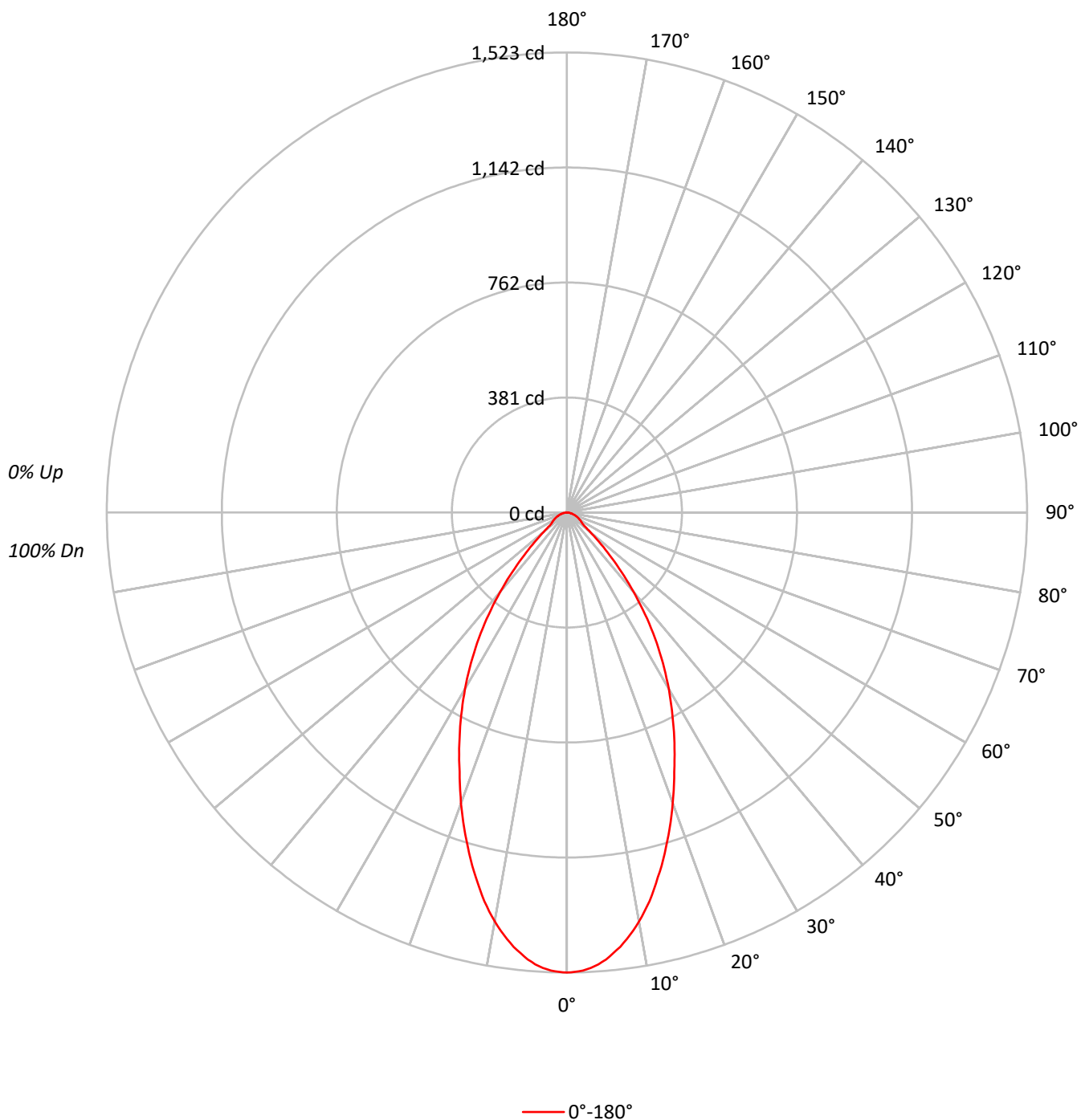
Lumens per Lamp: N/A
Luminaire Lumens: 1462.0 lumens
Efficiency: N/A
Efficacy: 50.8 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	333964
5°	326898
10°	306140
15°	274803
20°	239047
25°	203697
30°	170634
35°	135907
40°	98270
45°	62177
50°	33909
55°	23473
60°	22191
65°	20599
70°	19683
75°	16860
80°	15911
85°	13586

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 62177 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	138.2	9.5
10°-20°	336.8	23.0
20°-30°	386.0	26.4
30°-40°	315.0	21.5
40°-50°	158.8	10.9
50°-60°	59.0	4.0
60°-70°	39.5	2.7
70°-80°	21.9	1.5
80°-90°	6.6	0.5
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°	861.1	58.9
0°-40°	1176.1	80.4
0°-60°	1393.9	95.3
0°-90°	1462.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1462.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1523	
5°	1485	138
15°	1210	337
25°	842	386
35°	508	315
45°	200	159
55°	61	59
65°	40	40
75°	20	22
85°	5	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1523.0
1°	1521.2
2°	1517.6
3°	1510.4
4°	1499.5
5°	1485.1
6°	1467.0
7°	1448.9
8°	1425.4
9°	1402.0
10°	1374.9
11°	1345.9
12°	1315.2
13°	1280.9
14°	1244.8
15°	1210.5
17.5°	1118.3
20°	1024.4
22.5°	928.6
25°	841.9
27.5°	757.0
30°	673.9
32.5°	590.8
35°	507.7
37.5°	424.6
40°	343.3
42.5°	267.4
45°	200.5
47.5°	144.5
50°	99.4
52.5°	72.3
55°	61.4
57.5°	56.0
60°	50.6
62.5°	45.2
65°	39.7
67.5°	34.3
70°	30.7
72.5°	25.3
75°	19.9
77.5°	16.3
80°	12.6
82.5°	9.0
85°	5.4
87.5°	3.6



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)