

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: P1253071

Luminaire Tested: P3AS24R359030D010 E3DLP1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253071
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R359030D010 E3DLP1WMH
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

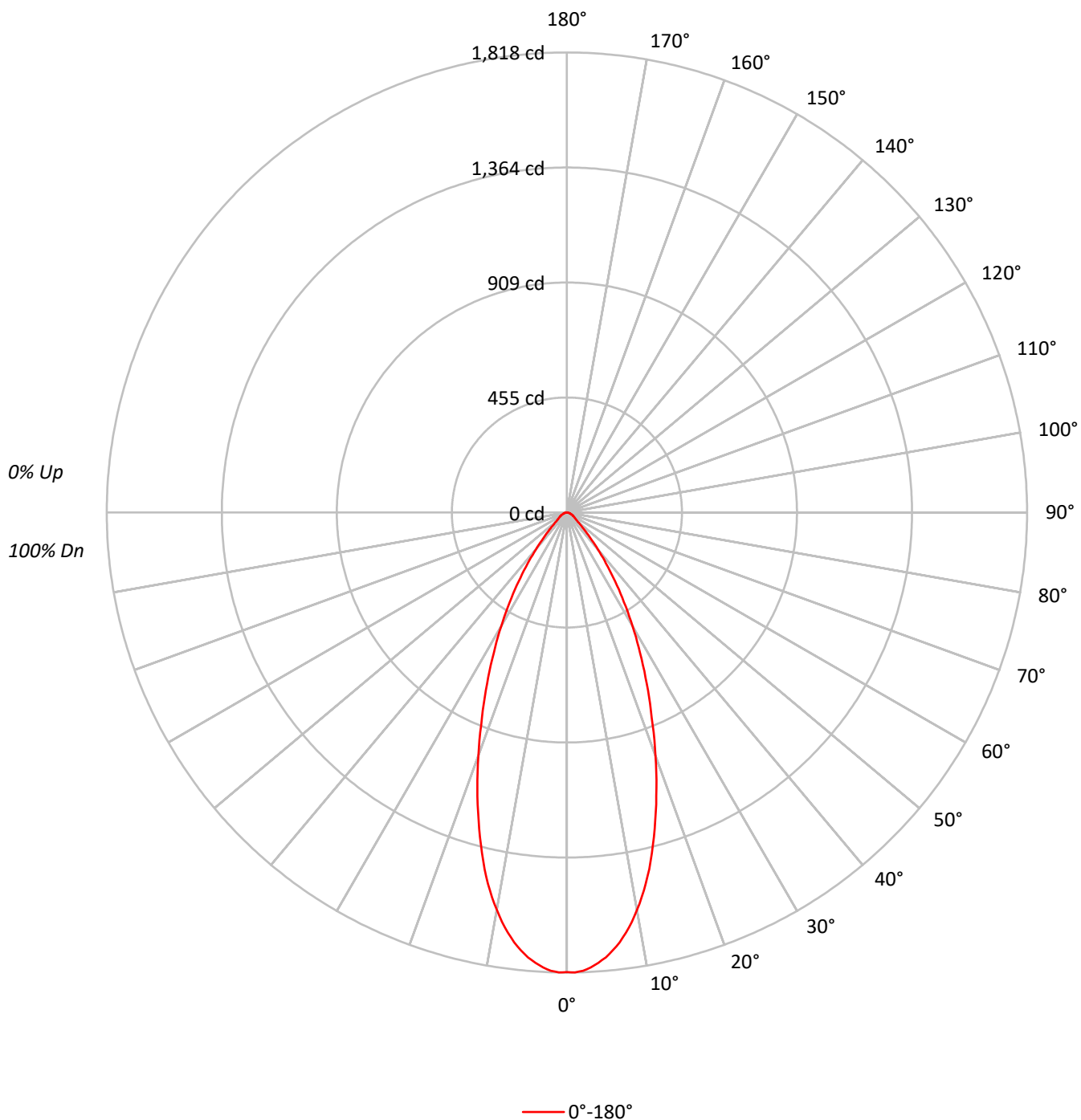
Lumens per Lamp: N/A
Luminaire Lumens: 1239.0 lumens
Efficiency: N/A
Efficacy: 43.0 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	94	105	100	97	93	97	94	91		94	92	89		91
3	102	95	90	86	100	94	89	85	91	87	84		89	85	82		86
4	97	89	83	79	95	88	82	78	86	81	77		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	77	72	68	76	71	67		75	70	67		73
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69
8	79	70	64	60	78	69	63	59	68	63	59		67	62	59		66
9	76	66	60	56	75	66	60	56	65	59	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	398258
5°	388421
10°	355126
15°	301432
20°	238604
25°	180470
30°	131387
35°	88847
40°	54617
45°	31352
50°	18865
55°	15330
60°	13376
65°	11882
70°	9809
75°	9658
80°	9597
85°	9561

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 31352 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	163.1	13.2
10°-20°	366.1	29.5
20°-30°	342.4	27.6
30°-40°	209.6	16.9
40°-50°	82.6	6.7
50°-60°	36.4	2.9
60°-70°	22.6	1.8
70°-80°	12.1	1.0
80°-90°	4.1	0.3
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°	871.6	70.3
0°-40°	1081.1	87.3
0°-60°	1200.1	96.9
0°-90°	1239.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1239.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1816	
5°	1765	163
15°	1328	366
25°	746	342
35°	332	210
45°	101	83
55°	40	36
65°	23	23
75°	11	12
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1816.2
1°	1818.1
2°	1812.3
3°	1800.9
4°	1783.7
5°	1764.6
6°	1739.8
7°	1711.2
8°	1676.9
9°	1638.7
10°	1594.9
11°	1549.1
12°	1499.5
13°	1446.1
14°	1386.9
15°	1327.8
17.5°	1175.2
20°	1022.5
22.5°	875.6
25°	745.9
27.5°	625.7
30°	518.9
32.5°	419.7
35°	331.9
37.5°	253.7
40°	190.8
42.5°	137.4
45°	101.1
47.5°	72.5
50°	55.3
52.5°	45.8
55°	40.1
57.5°	34.3
60°	30.5
62.5°	26.7
65°	22.9
67.5°	19.1
70°	15.3
72.5°	13.4
75°	11.4
77.5°	9.5
80°	7.6
82.5°	5.7
85°	3.8
87.5°	1.9



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)