

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: P1250292

Luminaire Tested: P3AS24R259027D010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250292
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R259027D010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

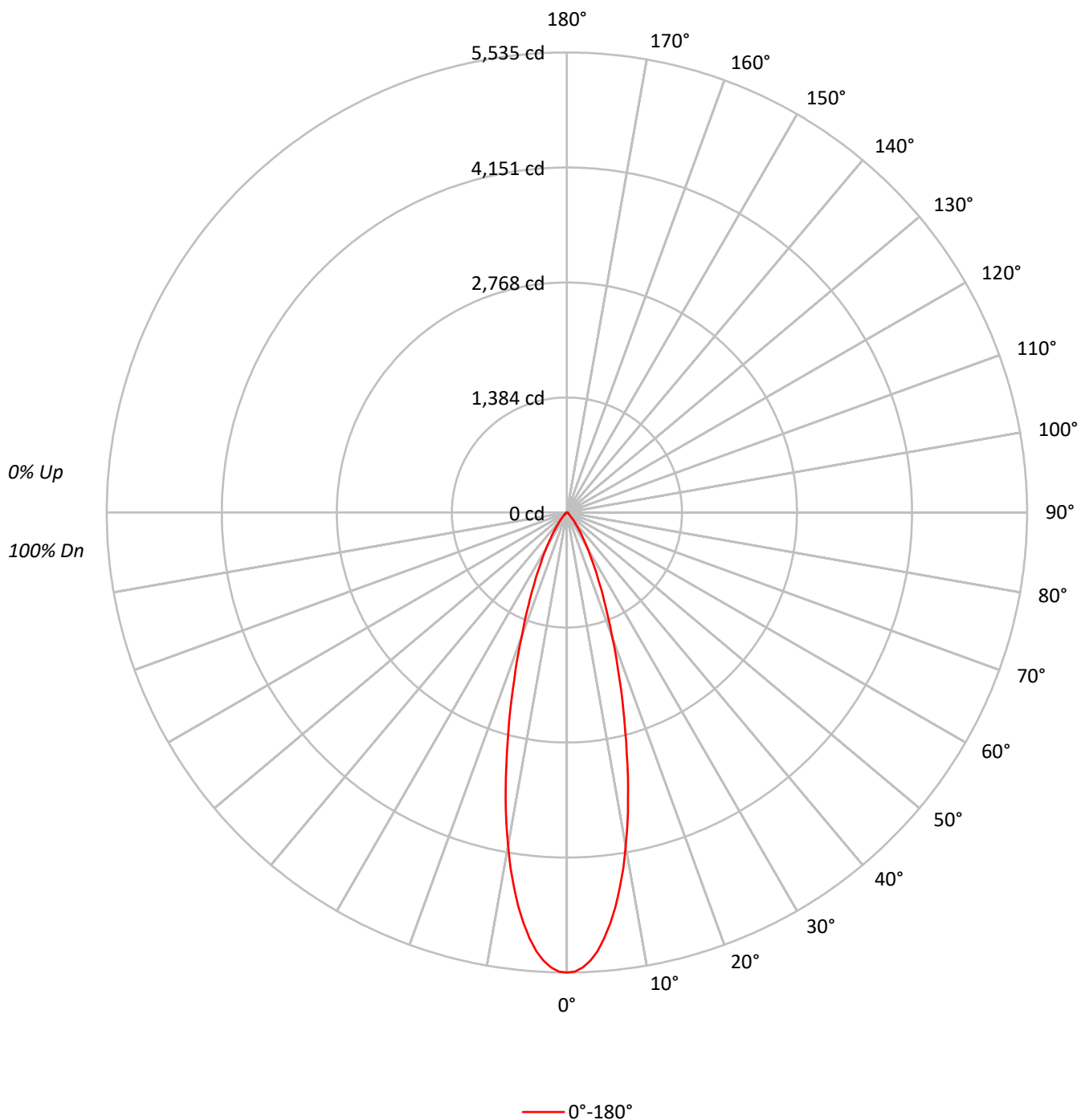
Lumens per Lamp: N/A
Luminaire Lumens: 1892.0 lumens
Efficiency: N/A
Efficacy: 65.7 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	86	81	78	84	80	77		83	79	77		82
7	90	83	78	74	89	82	77	74	81	77	74		80	76	73		79
8	87	79	74	71	86	79	74	71	78	74	71		77	73	70		76
9	84	76	71	68	83	76	71	68	75	71	68		74	70	68		73
10	81	73	69	65	80	73	68	65	72	68	65		72	68	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1213653
5°	1132311
10°	907064
15°	615713
20°	372572
25°	217851
30°	124070
35°	68235
40°	36239
45°	19072
50°	11087
55°	8296
60°	7149
65°	7524
70°	6924
75°	6100
80°	4546
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 19072 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	456.5	24.1
10°-20°	745.7	39.4
20°-30°	426.1	22.5
30°-40°	168.1	8.9
40°-50°	51.6	2.7
50°-60°	20.4	1.1
60°-70°	13.7	0.7
70°-80°	7.6	0.4
80°-90°	2.5	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°	1628.2	86.1
0°-40°	1796.4	94.9
0°-60°	1868.3	98.7
0°-90°	1892.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1892.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5535	
5°	5144	456
15°	2712	746
25°	900	426
35°	255	168
45°	62	52
55°	22	20
65°	14	14
75°	7	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	5534.7
1°	5523.8
2°	5478.6
3°	5399.1
4°	5288.8
5°	5144.1
6°	4974.2
7°	4782.5
8°	4560.1
9°	4332.3
10°	4073.7
11°	3818.8
12°	3538.5
13°	3261.9
14°	2978.0
15°	2712.2
17.5°	2102.9
20°	1596.6
22.5°	1198.8
25°	900.4
27.5°	667.2
30°	490.0
32.5°	354.4
35°	254.9
37.5°	180.8
40°	126.6
42.5°	86.8
45°	61.5
47.5°	43.4
50°	32.5
52.5°	25.3
55°	21.7
57.5°	19.9
60°	16.3
62.5°	14.5
65°	14.5
67.5°	12.7
70°	10.8
72.5°	9.0
75°	7.2
77.5°	5.4
80°	3.6
82.5°	3.6
85°	1.8
87.5°	1.8



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)