

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: P1252997

Luminaire Tested: P3AS24R259030D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252997
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: P3AS24R259030D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

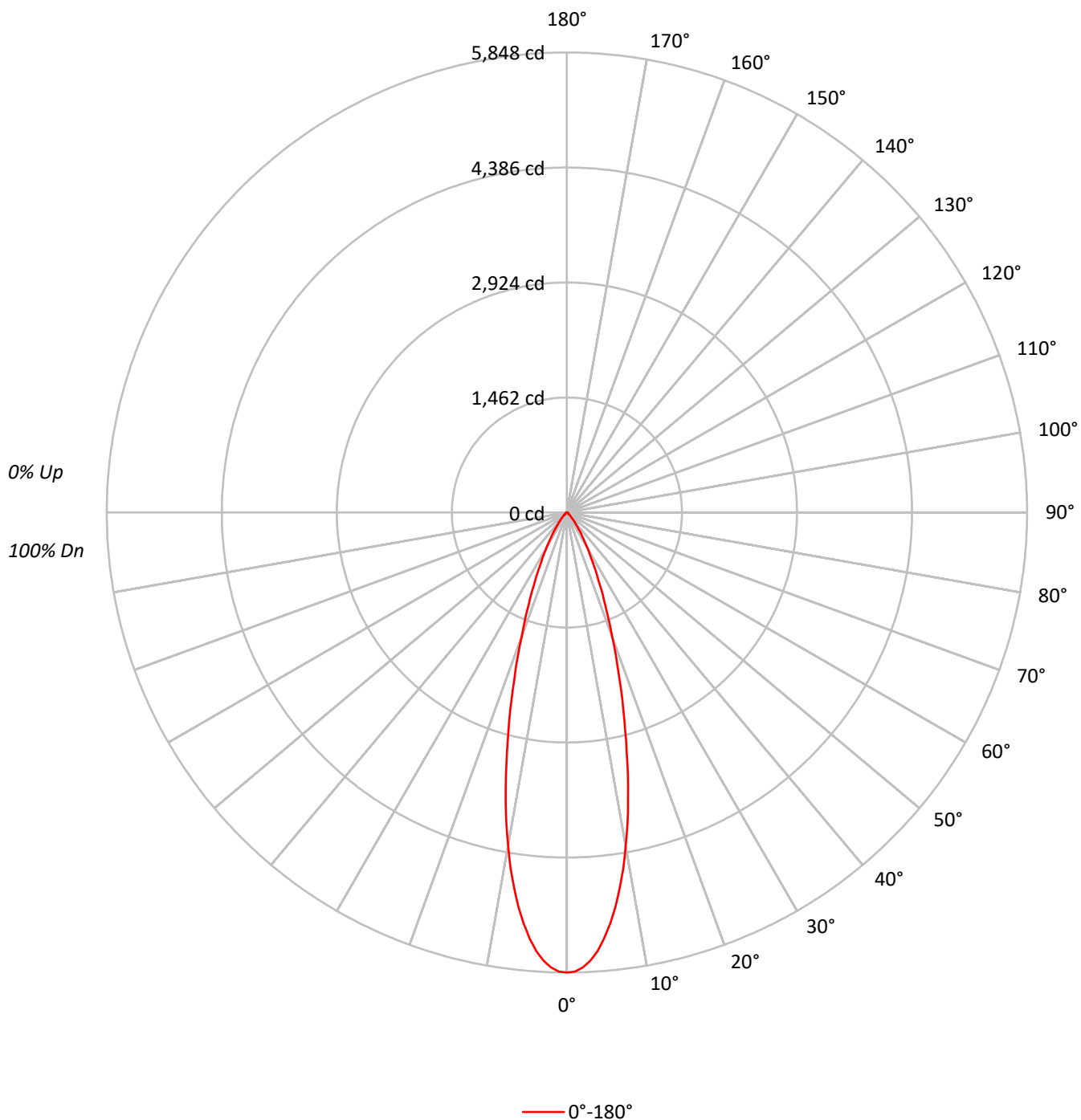
Lumens per Lamp: N/A
Luminaire Lumens: 1999.0 lumens
Efficiency: N/A
Efficacy: 69.4 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	1282288
5°	1196343
10°	958366
15°	650537
20°	393644
25°	230191
30°	131083
35°	72116
40°	38272
45°	20157
50°	11735
55°	8755
60°	7543
65°	7939
70°	7373
75°	6439
80°	4799
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 20157 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	482.3	24.1
10°-20°	787.8	39.4
20°-30°	450.2	22.5
30°-40°	177.6	8.9
40°-50°	54.5	2.7
50°-60°	21.5	1.1
60°-70°	14.4	0.7
70°-80°	8.0	0.4
80°-90°	2.6	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°	1720.3	86.1
0°-40°	1897.9	94.9
0°-60°	1973.9	98.7
0°-90°	1999.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1999.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5848	
5°	5435	482
15°	2866	788
25°	951	450
35°	269	178
45°	65	54
55°	23	21
65°	15	14
75°	8	8
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	5847.7
1°	5836.2
2°	5788.5
3°	5704.4
4°	5587.9
5°	5435.0
6°	5255.5
7°	5053.0
8°	4818.0
9°	4577.3
10°	4304.1
11°	4034.7
12°	3738.6
13°	3446.3
14°	3146.4
15°	2865.6
17.5°	2221.8
20°	1686.9
22.5°	1266.6
25°	951.4
27.5°	704.9
30°	517.7
32.5°	374.4
35°	269.4
37.5°	191.0
40°	133.7
42.5°	91.7
45°	65.0
47.5°	45.8
50°	34.4
52.5°	26.7
55°	22.9
57.5°	21.0
60°	17.2
62.5°	15.3
65°	15.3
67.5°	13.4
70°	11.5
72.5°	9.6
75°	7.6
77.5°	5.7
80°	3.8
82.5°	3.8
85°	1.9
87.5°	1.9



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)