

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: P1258066

Luminaire Tested: P3AS20R259040D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258066
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: P3AS20R259040D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

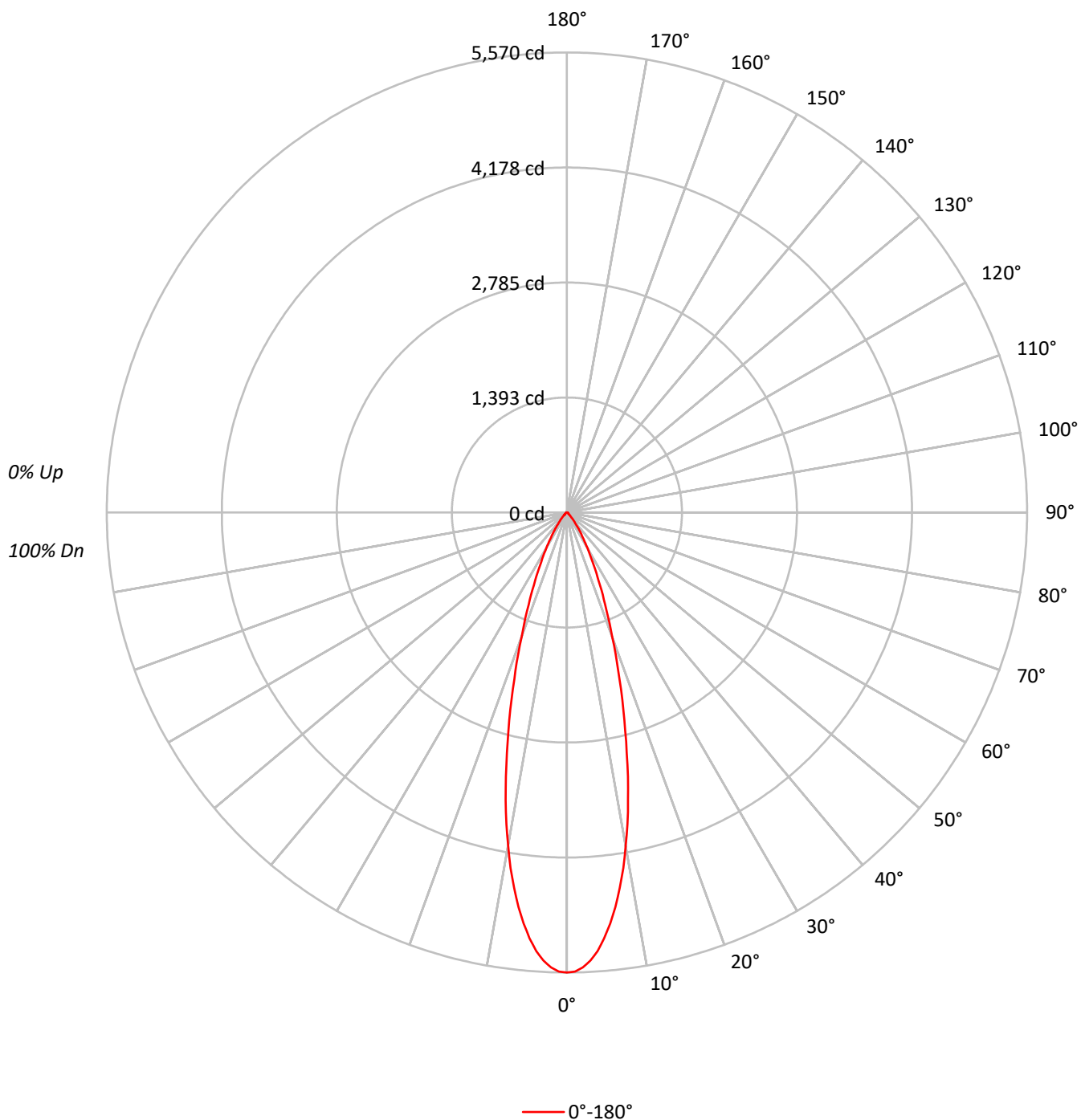
Lumens per Lamp: N/A
Luminaire Lumens: 1904.0 lumens
Efficiency: N/A
Efficacy: 66.1 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	1221350
5°	1139486
10°	912809
15°	619618
20°	374929
25°	219255
30°	124855
35°	68690
40°	36468
45°	19196
50°	11189
55°	8334
60°	7192
65°	7575
70°	6988
75°	6185
80°	4546
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 19196 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	459.4	24.1
10°-20°	750.4	39.4
20°-30°	428.8	22.5
30°-40°	169.2	8.9
40°-50°	51.9	2.7
50°-60°	20.5	1.1
60°-70°	13.8	0.7
70°-80°	7.7	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°	1638.5	86.1
0°-40°	1807.8	94.9
0°-60°	1880.1	98.7
0°-90°	1904.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1904.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5570	
5°	5177	459
15°	2729	750
25°	906	429
35°	257	169
45°	62	52
55°	22	20
65°	15	14
75°	7	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	5569.8
1°	5558.9
2°	5513.4
3°	5433.3
4°	5322.3
5°	5176.7
6°	5005.7
7°	4812.8
8°	4589.0
9°	4359.7
10°	4099.5
11°	3843.0
12°	3560.9
13°	3282.5
14°	2996.9
15°	2729.4
17.5°	2116.2
20°	1606.7
22.5°	1206.4
25°	906.2
27.5°	671.4
30°	493.1
32.5°	356.6
35°	256.6
37.5°	182.0
40°	127.4
42.5°	87.3
45°	61.9
47.5°	43.7
50°	32.8
52.5°	25.5
55°	21.8
57.5°	20.0
60°	16.4
62.5°	14.6
65°	14.6
67.5°	12.7
70°	10.9
72.5°	9.1
75°	7.3
77.5°	5.5
80°	3.6
82.5°	3.6
85°	1.8
87.5°	1.8



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)