

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: P1258057

Luminaire Tested: P3AS20R259040D010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258057
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R259040D010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

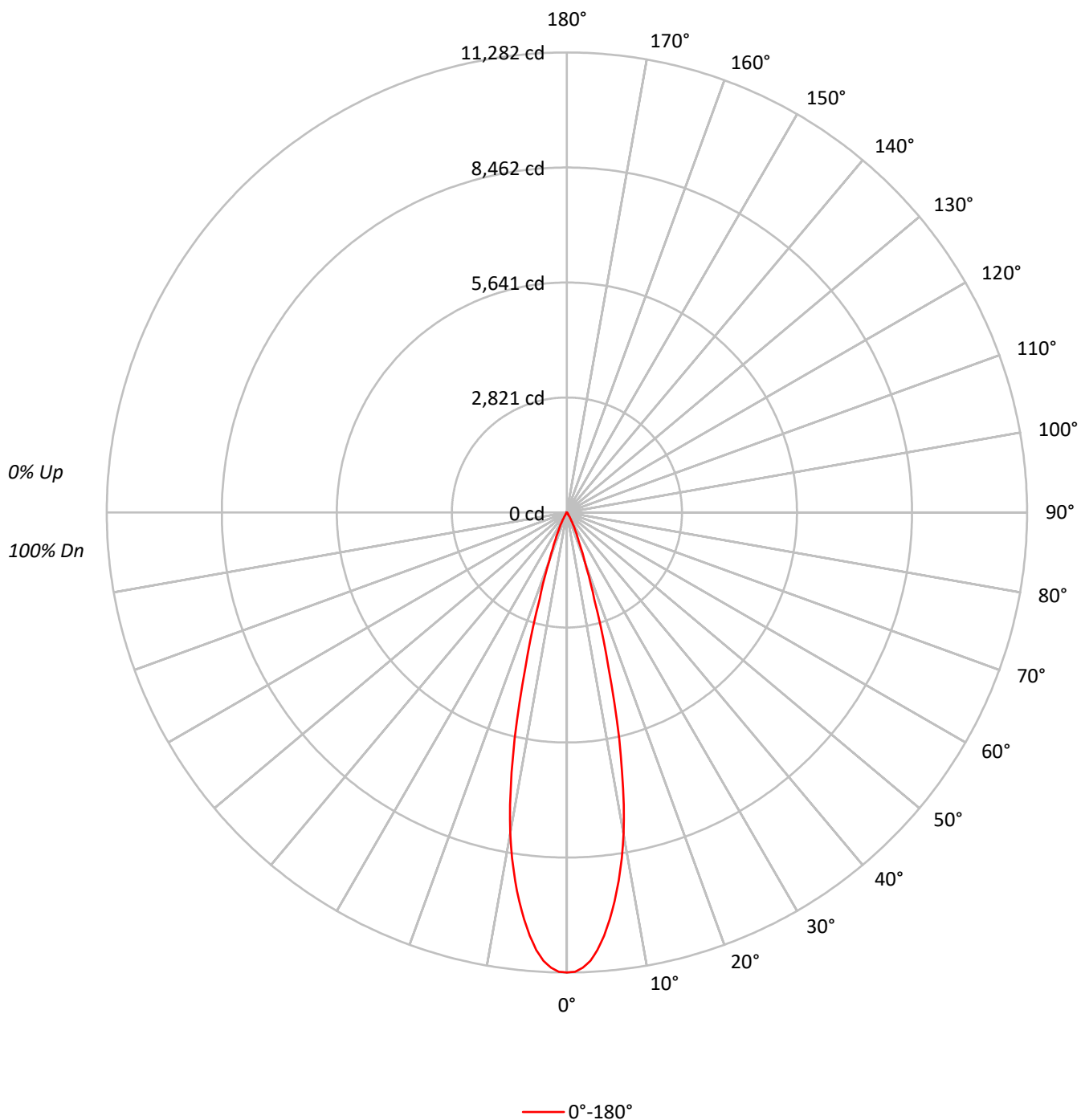
Lumens per Lamp: N/A
Luminaire Lumens: 2314.0 lumens
Efficiency: N/A
Efficacy: 80.3 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	115	113	111	110	113	111	109	108	107	106	105		103	103	102		100
2	112	108	105	103	110	107	104	102	104	102	100		101	99	98		98
3	108	104	101	98	107	103	100	97	100	98	96		98	96	94		96
4	105	100	97	94	104	99	96	93	97	95	92		96	93	91		94
5	103	97	93	90	101	96	93	90	95	92	89		93	91	89		92
6	100	94	90	87	99	93	90	87	92	89	87		91	88	86		90
7	97	91	88	85	96	91	87	85	90	87	84		89	86	84		88
8	95	89	85	83	94	89	85	82	88	84	82		87	84	82		86
9	93	87	83	80	92	86	83	80	86	82	80		85	82	80		84
10	91	85	81	78	90	84	81	78	84	80	78		83	80	78		82

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	2474012
5°	2294579
10°	1779482
15°	892287
20°	293139
25°	116571
30°	43728
35°	12662
40°	5725
45°	2264
50°	1876
55°	1376
60°	1579
65°	1868
70°	1154
75°	1525
80°	2273
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 2273 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	916.9	39.6
10°-20°	1093.9	47.3
20°-30°	246.6	10.7
30°-40°	40.0	1.7
40°-50°	7.3	0.3
50°-60°	3.8	0.2
60°-70°	3.3	0.1
70°-80°	1.9	0.1
80°-90°	0.2	0.0
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°	2257.4	97.6
0°-40°	2297.4	99.3
0°-60°	2308.5	99.8
0°-90°	2314.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2314.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	11282	
5°	10424	917
15°	3930	1094
25°	482	247
35°	47	40
45°	7	7
55°	4	4
65°	4	3
75°	2	2
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	11282.4
1°	11264.2
2°	11173.3
3°	11006.0
4°	10753.3
5°	10424.3
6°	10031.6
7°	9606.2
8°	9119.0
9°	8586.3
10°	7991.8
11°	7306.4
12°	6517.4
13°	5692.1
14°	4806.7
15°	3930.5
17.5°	2239.7
20°	1256.2
22.5°	758.1
25°	481.8
27.5°	296.3
30°	172.7
32.5°	90.9
35°	47.3
37.5°	30.9
40°	20.0
42.5°	12.7
45°	7.3
47.5°	5.5
50°	5.5
52.5°	5.5
55°	3.6
57.5°	3.6
60°	3.6
62.5°	3.6
65°	3.6
67.5°	3.6
70°	1.8
72.5°	1.8
75°	1.8
77.5°	1.8
80°	1.8
82.5°	0.0
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)