

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: P1252646

Luminaire Tested: P3AS20R259030D010 E3D1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252646
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: P3AS20R259030D010 E3D1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3D1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

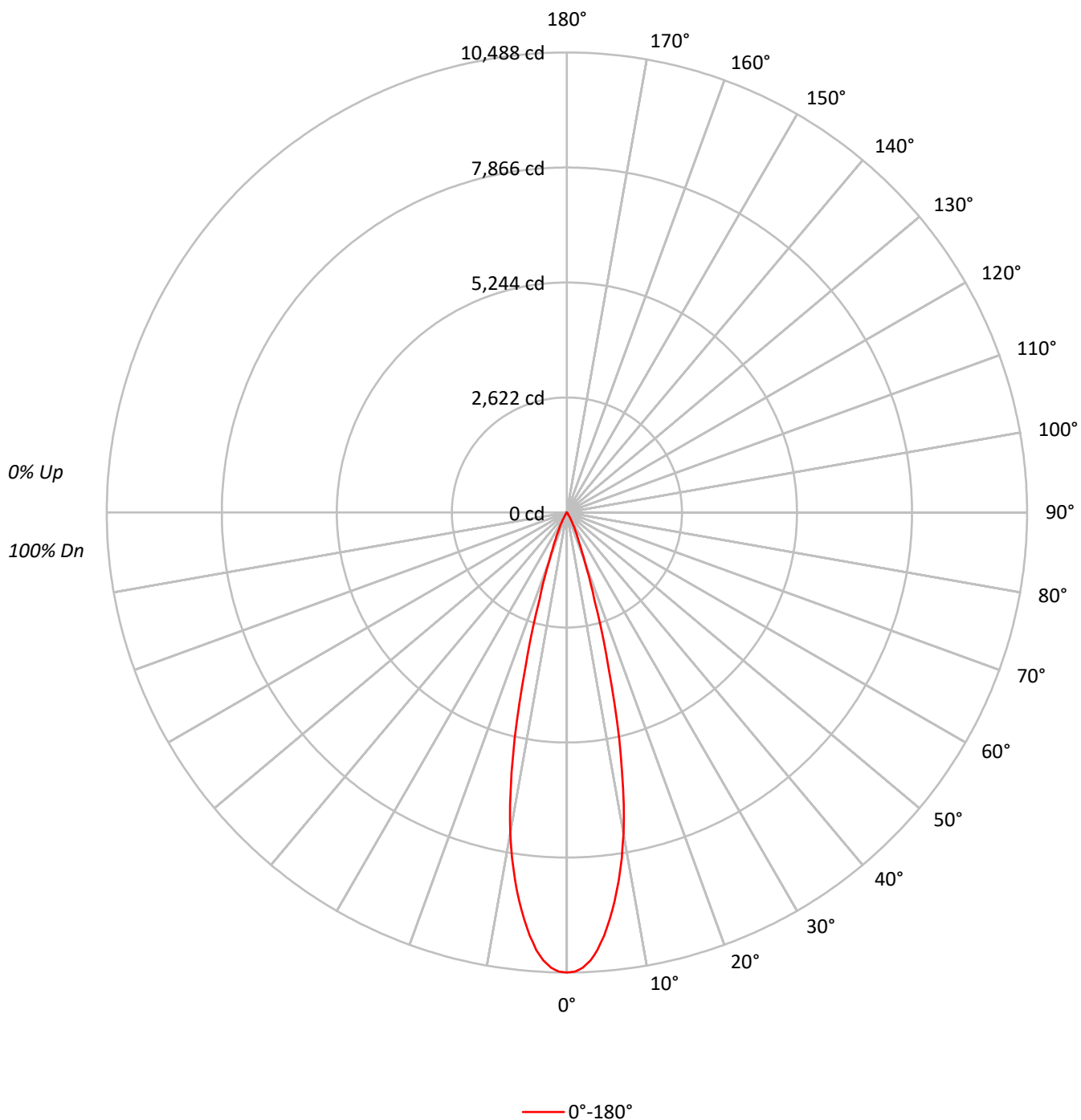
Lumens per Lamp: N/A
Luminaire Lumens: 2151.1 lumens
Efficiency: N/A
Efficacy: 74.7 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1252646

CATALOG NUMBER: P3AS20R259030D010 E3D1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1252646

CATALOG NUMBER: P3AS20R259030D010 E3D1MW

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	99
1	115	113	111	110	113	111	109	108	107	106	105	103	103	102	100	99	99	97	96	96
2	112	108	105	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94	93	93
3	108	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	91	91
4	105	100	97	94	104	99	96	93	97	95	92	96	93	91	94	92	90	89	88	88
5	103	97	93	90	101	96	93	90	95	92	89	93	91	89	92	90	88	87	86	86
6	100	94	90	87	99	93	90	87	92	89	87	91	88	86	90	87	86	85	84	84
7	97	91	88	85	96	91	87	85	90	87	84	89	86	84	88	85	83	83	82	82
8	95	89	85	83	94	89	85	82	88	84	82	87	84	82	86	83	81	81	80	80
9	93	87	83	80	92	86	83	80	86	82	80	85	82	80	84	82	80	79	78	78
10	91	85	81	78	90	84	81	78	84	80	78	83	80	78	82	80	78	77	76	76

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	2299728
5°	2132946
10°	1654144
15°	829426
20°	272487
25°	108345
30°	40639
35°	11752
40°	5324
45°	2109
50°	1740
55°	1300
60°	1491
65°	1764
70°	1090
75°	1440
80°	2147
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 80°
Luminance: 2147 cd/sqm

TEST NUMBER: P1252646

CATALOG NUMBER: P3AS20R259030D010 E3D1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	852.3	39.6
10°-20°	1016.8	47.3
20°-30°	229.2	10.7
30°-40°	37.1	1.7
40°-50°	6.7	0.3
50°-60°	3.6	0.2
60°-70°	3.2	0.1
70°-80°	1.8	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°	2098.4	97.6
0°-40°	2135.5	99.3
0°-60°	2145.9	99.8
0°-90°	2151.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2151.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	10488	
5°	9690	852
15°	3654	1017
25°	448	229
35°	44	37
45°	7	7
55°	3	4
65°	3	3
75°	2	2
85°	0	0
90°	0	

TEST NUMBER: P1252646

CATALOG NUMBER: P3AS20R259030D010 E3D1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	10487.6
1°	10470.7
2°	10386.2
3°	10230.7
4°	9995.8
5°	9690.0
6°	9325.0
7°	8929.5
8°	8476.6
9°	7981.5
10°	7428.9
11°	6791.8
12°	6058.3
13°	5291.1
14°	4468.1
15°	3653.6
17.5°	2082.0
20°	1167.7
22.5°	704.7
25°	447.8
27.5°	275.5
30°	160.5
32.5°	84.5
35°	43.9
37.5°	28.7
40°	18.6
42.5°	11.8
45°	6.8
47.5°	5.1
50°	5.1
52.5°	5.1
55°	3.4
57.5°	3.4
60°	3.4
62.5°	3.4
65°	3.4
67.5°	3.4
70°	1.7
72.5°	1.7
75°	1.7
77.5°	1.7
80°	1.7
82.5°	0.0
85°	0.0
87.5°	0.0



TEST NUMBER: P1252646
CATALOG NUMBER: P3AS20R259030D010 E3D1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)