

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: P1255359

Luminaire Tested: P3AS20R259035D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255359
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: P3AS20R259035D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

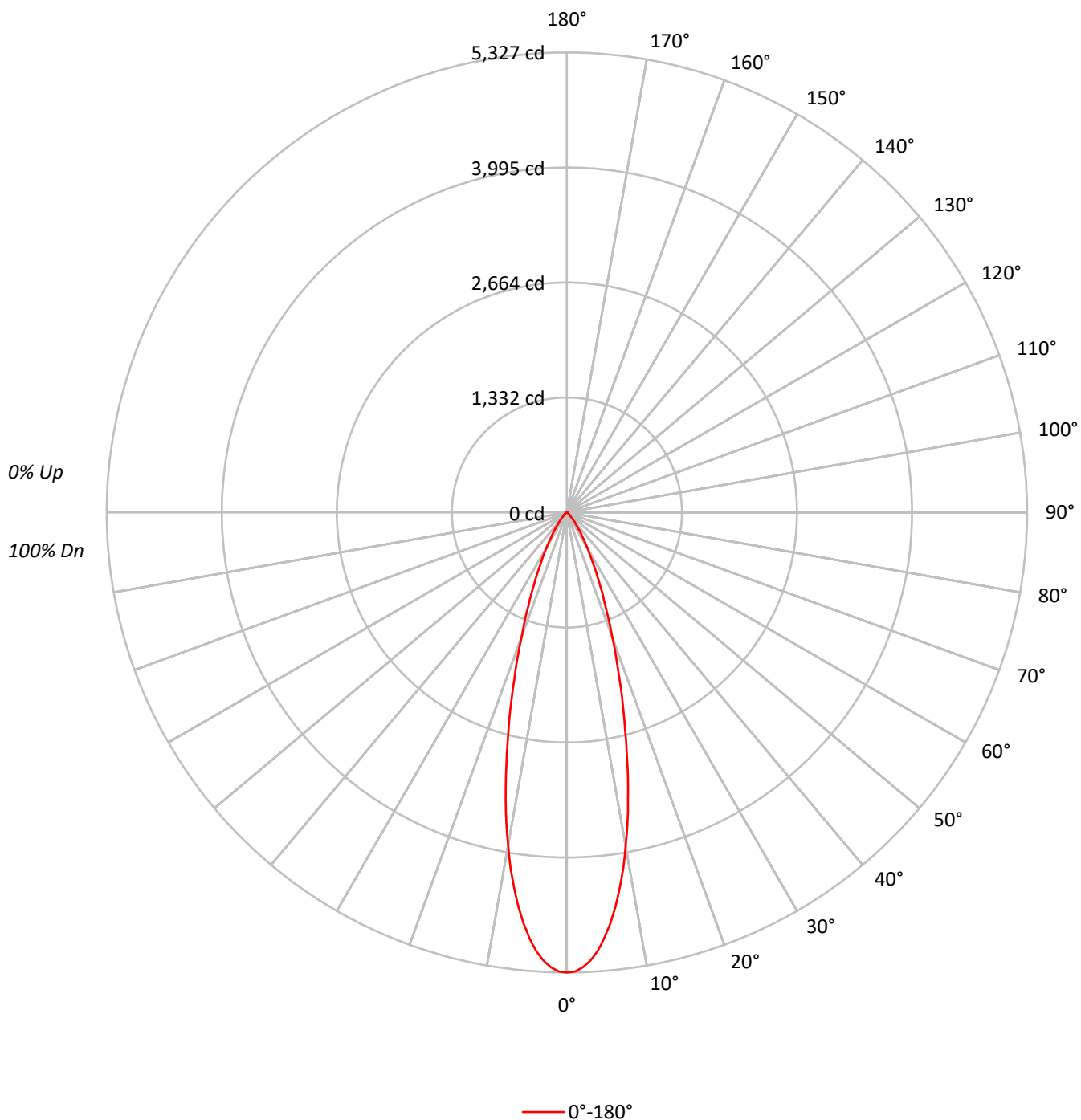
Lumens per Lamp: N/A
Luminaire Lumens: 1821.0 lumens
Efficiency: N/A
Efficacy: 63.2 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1255359

CATALOG NUMBER: P3AS20R259035D010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1255359

CATALOG NUMBER: P3AS20R259035D010 E3DL1MW

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°	1168108
5°	1089828
10°	873019
15°	592603
20°	358595
25°	209698
30°	119411
35°	65692
40°	34865
45°	18358
50°	10678
55°	7990
60°	6885
65°	7212
70°	6668
75°	5931
80°	4420
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18358 cd/sqm

TEST NUMBER: P1255359

CATALOG NUMBER: P3AS20R259035D010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	439.4	24.1
10°-20°	717.7	39.4
20°-30°	410.1	22.5
30°-40°	161.8	8.9
40°-50°	49.6	2.7
50°-60°	19.6	1.1
60°-70°	13.1	0.7
70°-80°	7.3	0.4
80°-90°	2.4	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°	1567.1	86.1
0°-40°	1729.0	94.9
0°-60°	1798.2	98.7
0°-90°	1821.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1821.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5327	
5°	4951	439
15°	2610	718
25°	867	410
35°	245	162
45°	59	50
55°	21	20
65°	14	13
75°	7	7
85°	2	2
90°	0	

TEST NUMBER: P1255359

CATALOG NUMBER: P3AS20R259035D010 E3DL1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	5327.0
1°	5316.5
2°	5273.0
3°	5196.5
4°	5090.3
5°	4951.1
6°	4787.5
7°	4603.0
8°	4389.0
9°	4169.7
10°	3920.8
11°	3675.5
12°	3405.7
13°	3139.5
14°	2866.2
15°	2610.4
17.5°	2023.9
20°	1536.7
22.5°	1153.8
25°	866.7
27.5°	642.2
30°	471.6
32.5°	341.1
35°	245.4
37.5°	174.0
40°	121.8
42.5°	83.5
45°	59.2
47.5°	41.8
50°	31.3
52.5°	24.4
55°	20.9
57.5°	19.1
60°	15.7
62.5°	13.9
65°	13.9
67.5°	12.2
70°	10.4
72.5°	8.7
75°	7.0
77.5°	5.2
80°	3.5
82.5°	3.5
85°	1.7
87.5°	1.7



TEST NUMBER: P1255359

CATALOG NUMBER: P3AS20R259035D010 E3DL1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)