

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: P1250186

Luminaire Tested: P3AS20R659027D010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250186
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R659027D010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 90CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

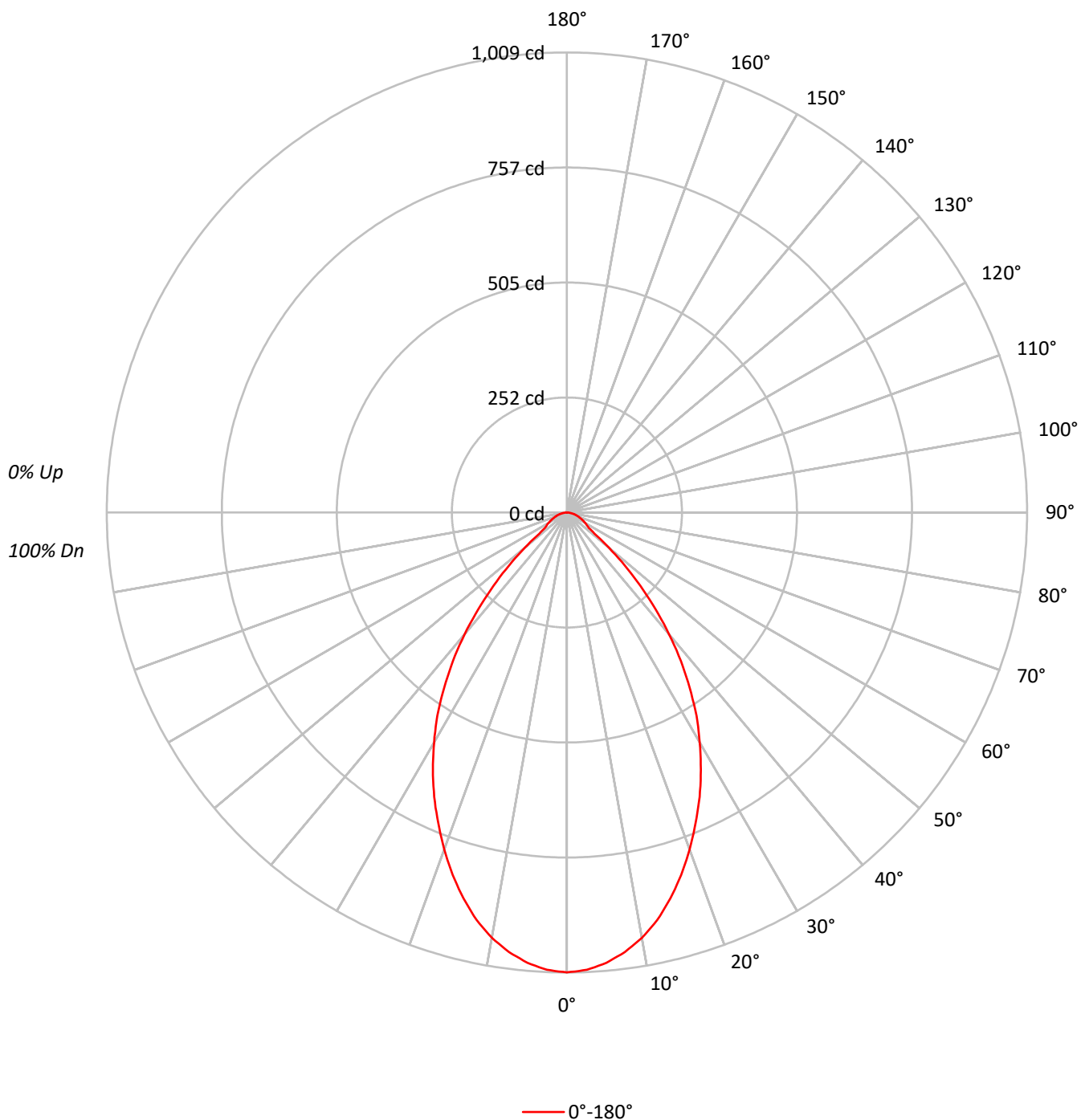
Lumens per Lamp: N/A
Luminaire Lumens: 1243.0 lumens
Efficiency: N/A
Efficacy: 43.2 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1250186

CATALOG NUMBER: P3AS20R659027D010 E3DLD1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1250186

CATALOG NUMBER: P3AS20R659027D010 E3DLD1WMH

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	112	109	106	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	221188
5°	218225
10°	210907
15°	198889
20°	183463
25°	166534
30°	147491
35°	125521
40°	99873
45°	70488
50°	40937
55°	22327
60°	20788
65°	18835
70°	17182
75°	16013
80°	14017
85°	11825

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 70488 cd/sqm

TEST NUMBER: P1250186

CATALOG NUMBER: P3AS20R659027D010 E3DLD1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.2	7.5
10°-20°	245.1	19.7
20°-30°	315.0	25.3
30°-40°	291.4	23.4
40°-50°	175.9	14.2
50°-60°	60.0	4.8
60°-70°	36.1	2.9
70°-80°	20.4	1.6
80°-90°	5.8	0.5
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°	653.4	52.6
0°-40°	944.8	76.0
0°-60°	1180.7	95.0
0°-90°	1243.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1243.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1009	
5°	991	93
15°	876	245
25°	688	315
35°	469	291
45°	227	176
55°	58	60
65°	36	36
75°	19	20
85°	5	6
90°	0	

TEST NUMBER: P1250186

CATALOG NUMBER: P3AS20R659027D010 E3DLD1WMH

CANDELA DISTRIBUTION (FULL):

	0°
0°	1008.7
2.5°	1004.0
5°	991.4
7.5°	972.4
10°	947.2
12.5°	915.6
15°	876.1
17.5°	833.5
20°	786.2
22.5°	737.2
25°	688.3
27.5°	636.2
30°	582.5
32.5°	528.8
35°	468.9
37.5°	410.4
40°	348.9
42.5°	287.3
45°	227.3
47.5°	172.1
50°	120.0
52.5°	75.8
55°	58.4
57.5°	52.1
60°	47.4
62.5°	41.0
65°	36.3
67.5°	31.6
70°	26.8
72.5°	23.7
75°	18.9
77.5°	15.8
80°	11.1
82.5°	7.9
85°	4.7
87.5°	3.2
90°	0.0

(END OF REPORT)