

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: P1260666

Luminaire Tested: P3AS20R259050D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260666
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R259050D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

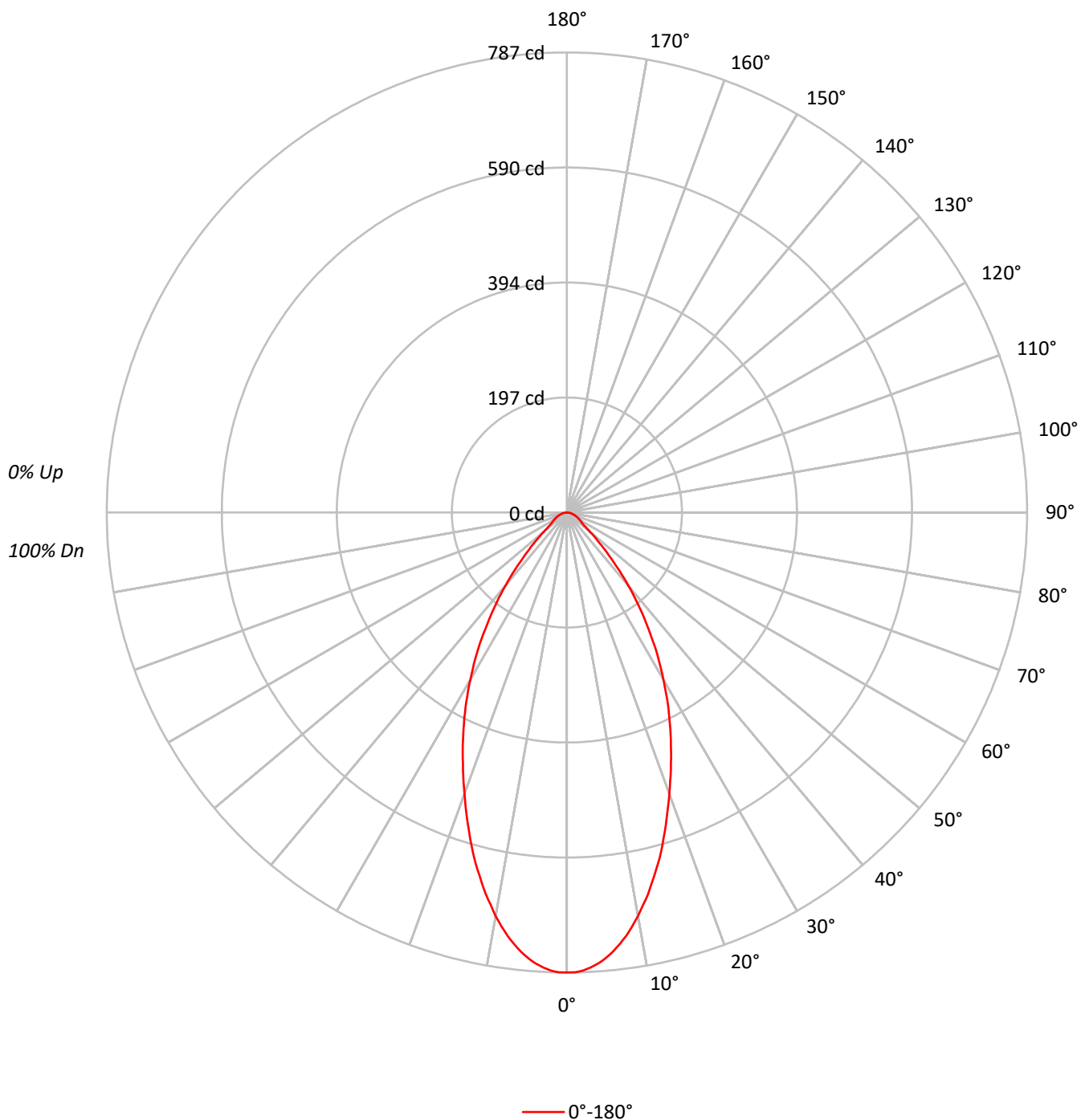
Lumens per Lamp: N/A
Luminaire Lumens: 726.0 lumens
Efficiency: N/A
Efficacy: 25.2 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1260666

CATALOG NUMBER: P3AS20R259050D010 E3DLD1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1260666

CATALOG NUMBER: P3AS20R259050D010 E3DLD1GPH

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	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	172552
5°	168435
10°	156065
15°	139002
20°	119454
25°	101546
30°	83582
35°	65130
40°	46859
45°	29740
50°	17603
55°	12119
60°	11096
65°	10325
70°	9296
75°	8388
80°	7956
85°	6793

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 29740 cd/sqm

TEST NUMBER: P1260666

CATALOG NUMBER: P3AS20R259050D010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	71.0	9.8
10°-20°	170.0	23.4
20°-30°	192.1	26.5
30°-40°	151.9	20.9
40°-50°	76.8	10.6
50°-60°	30.7	4.2
60°-70°	19.7	2.7
70°-80°	10.8	1.5
80°-90°	3.1	0.4
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°	433.0	59.6
0°-40°	584.9	80.6
0°-60°	692.4	95.4
0°-90°	726.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	726.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	787	
5°	765	71
15°	612	170
25°	420	192
35°	243	152
45°	96	77
55°	32	31
65°	20	20
75°	10	11
85°	3	3
90°	0	

TEST NUMBER: P1260666

CATALOG NUMBER: P3AS20R259050D010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	786.9
1°	786.9
2°	784.2
3°	779.6
4°	773.3
5°	765.2
6°	755.2
7°	743.5
8°	730.8
9°	716.3
10°	700.9
11°	683.8
12°	667.5
13°	648.5
14°	630.4
15°	612.3
17.5°	561.7
20°	511.9
22.5°	464.9
25°	419.7
27.5°	375.3
30°	330.1
32.5°	287.6
35°	243.3
37.5°	202.6
40°	163.7
42.5°	127.5
45°	95.9
47.5°	71.5
50°	51.6
52.5°	38.9
55°	31.7
57.5°	28.9
60°	25.3
62.5°	22.6
65°	19.9
67.5°	17.2
70°	14.5
72.5°	12.7
75°	9.9
77.5°	8.1
80°	6.3
82.5°	4.5
85°	2.7
87.5°	0.9



TEST NUMBER: P1260666

CATALOG NUMBER: P3AS20R259050D010 E3DLD1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)