

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: P1249948

Luminaire Tested: P3AS20R259027D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249948
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: P3AS20R259027D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

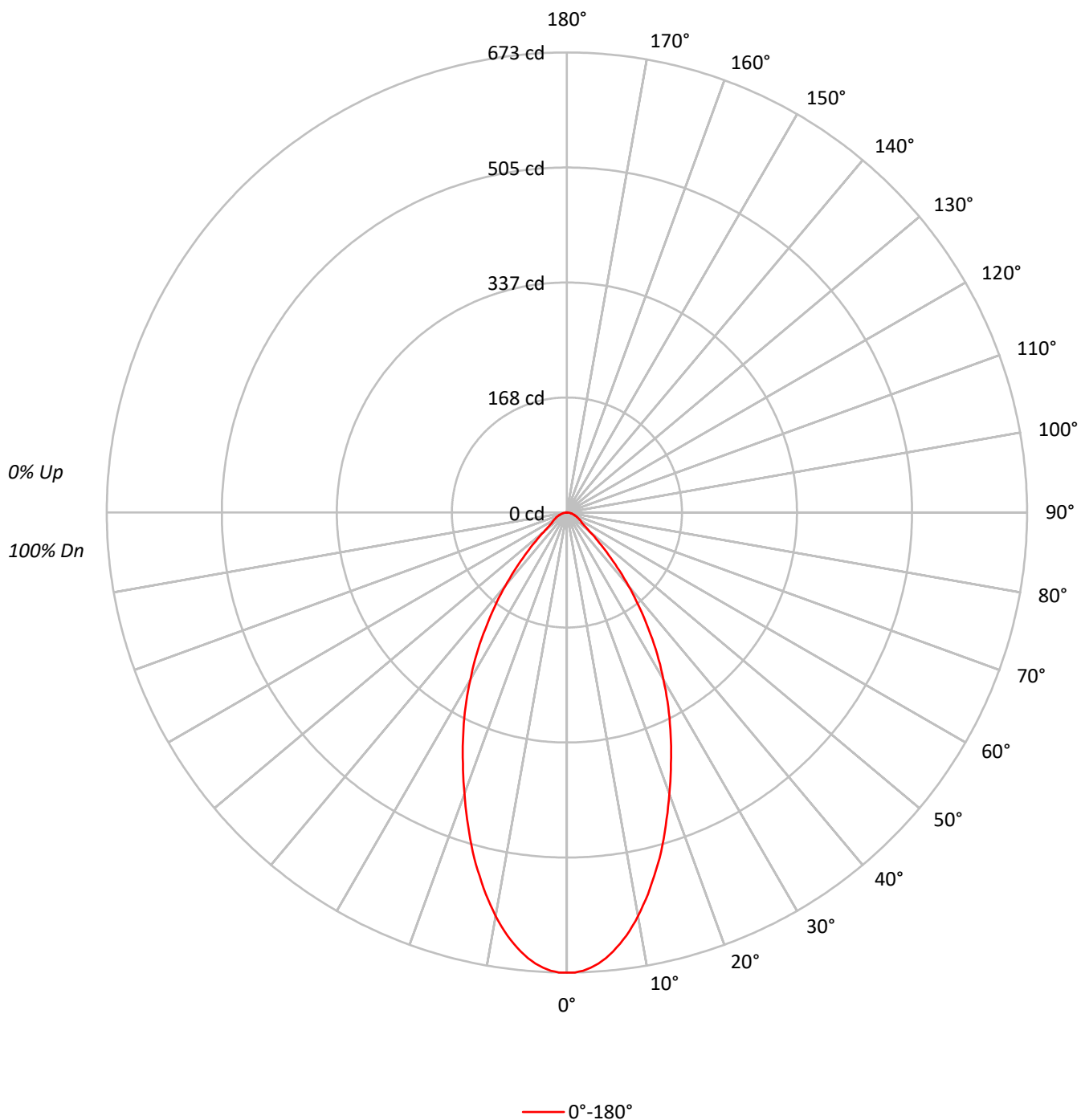
Lumens per Lamp: N/A
Luminaire Lumens: 621.0 lumens
Efficiency: N/A
Efficacy: 21.6 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1249948

CATALOG NUMBER: P3AS20R259027D010 E3DLD1GPH

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	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°	147598
5°	144067
10°	133509
15°	118911
20°	102186
25°	86860
30°	71505
35°	55707
40°	40075
45°	25429
50°	15044
55°	10360
60°	9517
65°	8821
70°	7950
75°	7202
80°	6819
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 25429 cd/sqm

TEST NUMBER: P1249948

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.7	9.8
10°-20°	145.4	23.4
20°-30°	164.3	26.5
30°-40°	129.9	20.9
40°-50°	65.6	10.6
50°-60°	26.3	4.2
60°-70°	16.8	2.7
70°-80°	9.3	1.5
80°-90°	2.6	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°	370.4	59.6
0°-40°	500.3	80.6
0°-60°	592.3	95.4
0°-90°	621.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	621.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	673	
5°	654	61
15°	524	145
25°	359	164
35°	208	130
45°	82	66
55°	27	26
65°	17	17
75°	8	9
85°	2	3
90°	0	

TEST NUMBER: P1249948

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CANDELA DISTRIBUTION (FULL):

0°	
0°	673.1
1°	673.1
2°	670.7
3°	666.9
4°	661.5
5°	654.5
6°	646.0
7°	635.9
8°	625.1
9°	612.7
10°	599.6
11°	584.9
12°	570.9
13°	554.7
14°	539.2
15°	523.8
17.5°	480.4
20°	437.9
22.5°	397.6
25°	359.0
27.5°	321.1
30°	282.4
32.5°	246.0
35°	208.1
37.5°	173.3
40°	140.0
42.5°	109.1
45°	82.0
47.5°	61.1
50°	44.1
52.5°	33.3
55°	27.1
57.5°	24.8
60°	21.7
62.5°	19.3
65°	17.0
67.5°	14.7
70°	12.4
72.5°	10.8
75°	8.5
77.5°	7.0
80°	5.4
82.5°	3.9
85°	2.3
87.5°	0.8



TEST NUMBER: P1249948

CATALOG NUMBER: P3AS20R259027D010 E3DLD1GPH

CANDELA DISTRIBUTION (continued):



(END OF REPORT)