

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: P1272419

Luminaire Tested: P3AS17R509827DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272419
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R509827DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R50 optic, 2700K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

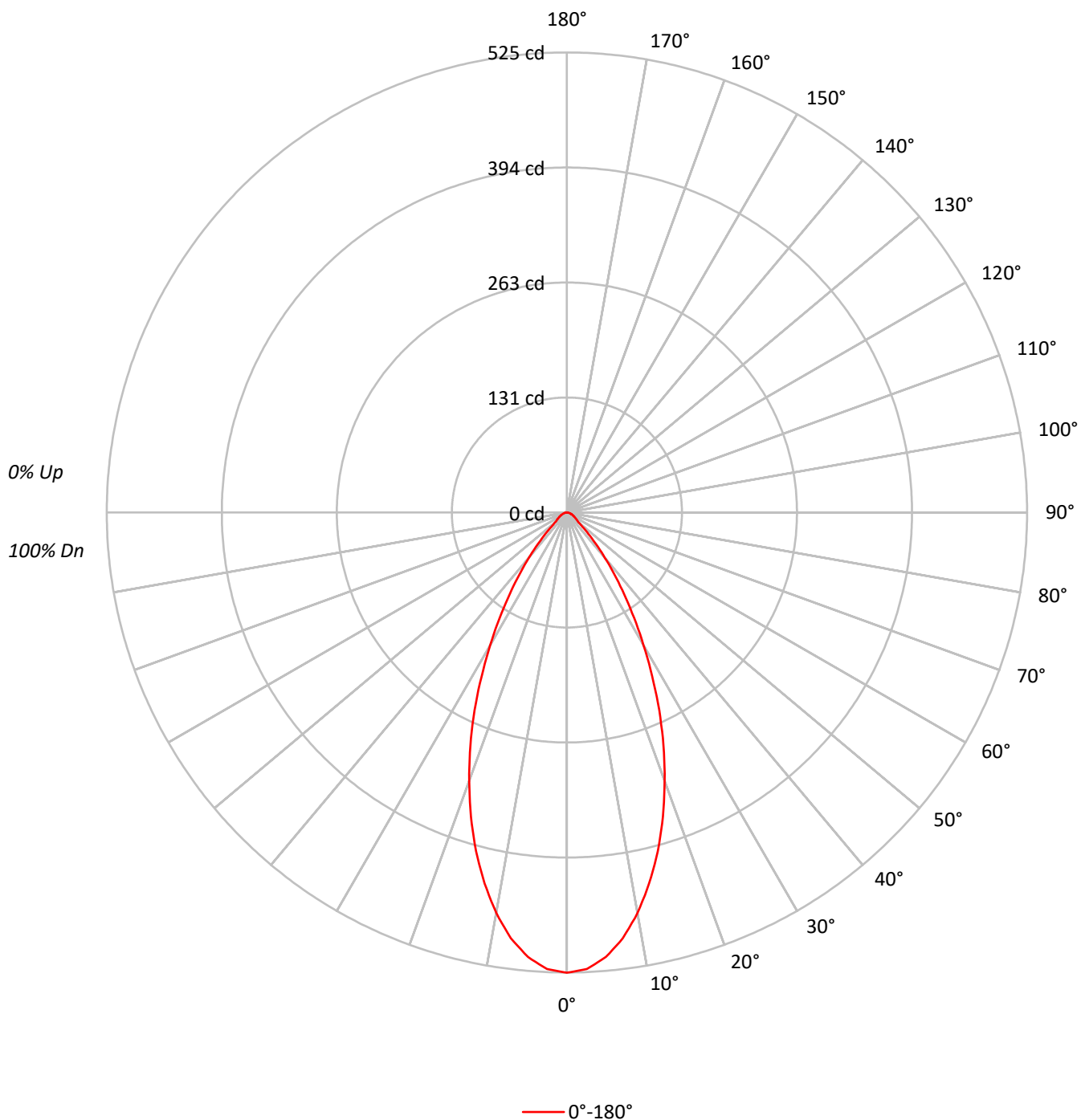
Lumens per Lamp: N/A
Luminaire Lumens: 396.0 lumens
Efficiency: N/A
Efficacy: 19.4 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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: P1272419

CATALOG NUMBER: P3AS17R509827DE010 E3DLP1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1272419

CATALOG NUMBER: P3AS17R509827DE010 E3DLP1GPH

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	113	110	107	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	85	91	87	83		88	85	82		86
4	96	88	82	78	94	87	82	78	85	80	77		83	79	76		81
5	91	83	76	72	90	82	76	72	80	75	71		78	74	70		77
6	87	77	71	67	85	77	71	67	75	70	66		74	69	66		72
7	82	73	67	62	81	72	66	62	71	66	62		70	65	61		68
8	78	69	63	58	77	68	62	58	67	62	58		66	61	58		65
9	75	65	59	55	74	64	59	55	63	58	55		63	58	54		62
10	71	61	56	52	70	61	55	52	60	55	51		59	55	51		59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	115166
5°	112084
10°	103338
15°	90897
20°	76050
25°	60294
30°	44235
35°	30410
40°	19322
45°	10792
50°	5868
55°	4932
60°	4210
65°	3891
70°	3462
75°	3219
80°	2652
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10792 cd/sqm

TEST NUMBER: P1272419

CATALOG NUMBER: P3AS17R509827DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.2	11.9
10°-20°	110.9	28.0
20°-30°	113.4	28.6
30°-40°	71.9	18.2
40°-50°	28.6	7.2
50°-60°	11.6	2.9
60°-70°	7.4	1.9
70°-80°	3.8	1.0
80°-90°	1.2	0.3
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°	271.5	68.5
0°-40°	343.4	86.7
0°-60°	383.6	96.9
0°-90°	396.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	396.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	525	
5°	509	47
15°	400	111
25°	249	113
35°	114	72
45°	35	29
55°	13	12
65°	8	7
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1272419

CATALOG NUMBER: P3AS17R509827DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	525.2
2.5°	521.5
5°	509.2
7.5°	489.9
10°	464.1
12.5°	433.6
15°	400.4
17.5°	363.9
20°	325.9
22.5°	287.8
25°	249.2
27.5°	210.6
30°	174.7
32.5°	142.6
35°	113.6
37.5°	89.0
40°	67.5
42.5°	49.8
45°	34.8
47.5°	23.6
50°	17.2
52.5°	14.5
55°	12.9
57.5°	11.3
60°	9.6
62.5°	8.6
65°	7.5
67.5°	6.4
70°	5.4
72.5°	4.3
75°	3.8
77.5°	2.7
80°	2.1
82.5°	1.6
85°	1.1
87.5°	0.5
90°	0.0

(END OF REPORT)