

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: P1272444

Luminaire Tested: P3AS17R559827DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272444
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R559827DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R55 optic, 2700K CCT AND, 98CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

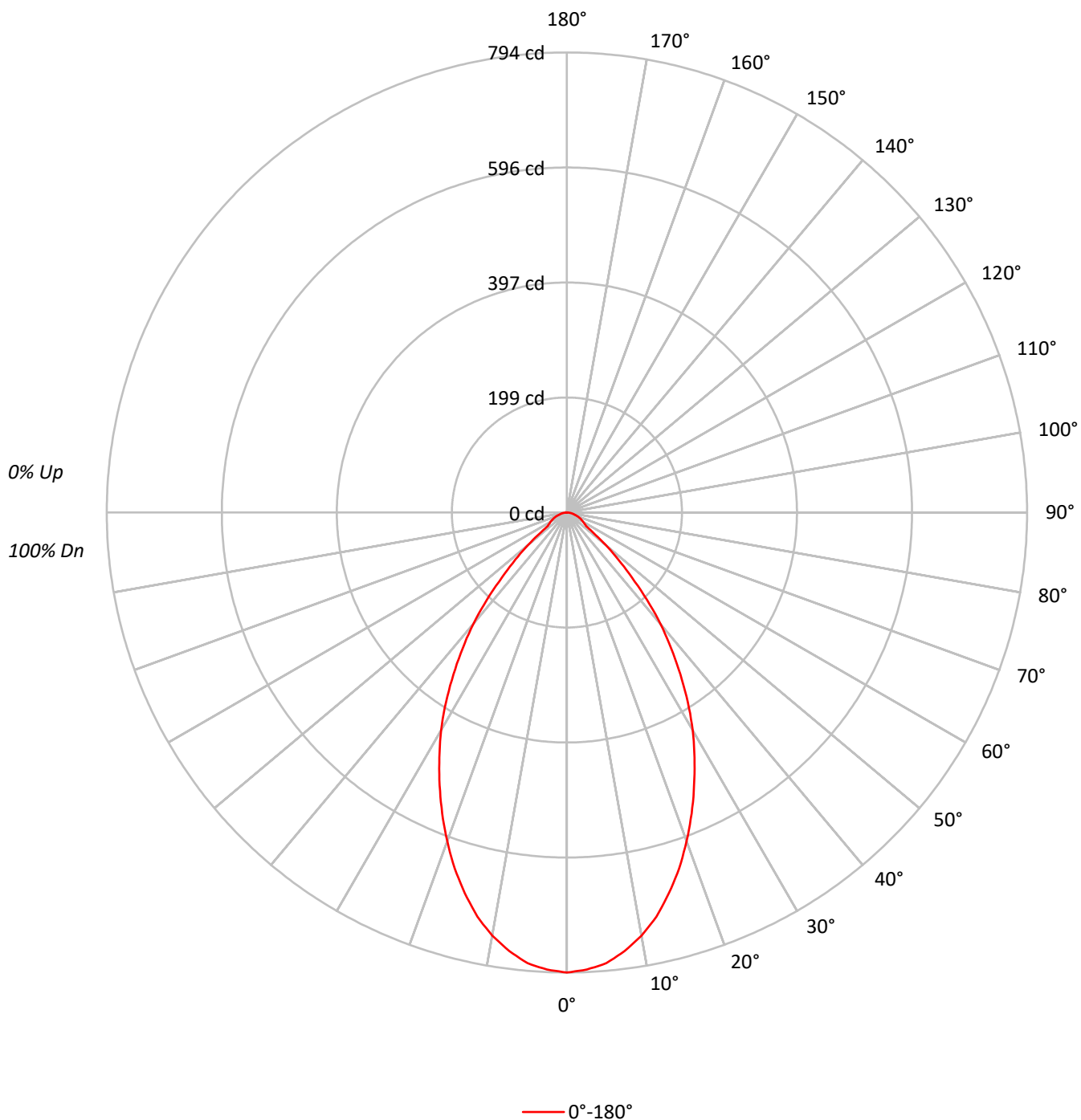
Lumens per Lamp: N/A
Luminaire Lumens: 926.0 lumens
Efficiency: N/A
Efficacy: 45.4 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1272444

CATALOG NUMBER: P3AS17R559827DE010 E3DLD1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1272444

CATALOG NUMBER: P3AS17R559827DE010 E3DLD1LI

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	102	103	100	98		99	97	95		95
2	105	100	95	91	103	98	93	90	94	91	88		91	88	86		89
3	99	91	85	81	97	90	84	80	87	82	79		85	81	77		82
4	93	84	77	72	91	83	77	72	80	75	71		78	74	70		76
5	87	77	71	66	85	76	70	65	75	69	65		73	68	64		71
6	82	72	65	60	80	71	64	60	69	64	59		68	63	59		66
7	77	67	60	55	76	66	59	55	65	59	54		63	58	54		62
8	73	62	55	51	72	62	55	51	60	55	50		59	54	50		58
9	69	58	51	47	68	58	51	47	57	51	47		56	50	46		55
10	65	55	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	174109
5°	171890
10°	165105
15°	154439
20°	140876
25°	125693
30°	109941
35°	91337
40°	71992
45°	48842
50°	29850
55°	15483
60°	14385
65°	13594
70°	12630
75°	11099
80°	10986
85°	8303

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 48842 cd/sqm

TEST NUMBER: P1272444

CATALOG NUMBER: P3AS17R559827DE010 E3DLD1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.2	7.9
10°-20°	190.1	20.5
20°-30°	238.1	25.7
30°-40°	212.5	23.0
40°-50°	124.4	13.4
50°-60°	43.0	4.6
60°-70°	26.0	2.8
70°-80°	14.4	1.6
80°-90°	4.2	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°	501.5	54.2
0°-40°	714.0	77.1
0°-60°	881.5	95.2
0°-90°	926.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	926.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	794	
5°	781	73
15°	680	190
25°	520	238
35°	341	213
45°	158	124
55°	40	43
65°	26	26
75°	13	14
85°	3	4
90°	0	

TEST NUMBER: P1272444

CATALOG NUMBER: P3AS17R559827DE010 E3DLD1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	794.0
2.5°	789.6
5°	780.9
7.5°	763.4
10°	741.5
12.5°	714.2
15°	680.3
17.5°	644.2
20°	603.7
22.5°	562.2
25°	519.5
27.5°	476.8
30°	434.2
32.5°	388.3
35°	341.2
37.5°	295.3
40°	251.5
42.5°	204.5
45°	157.5
47.5°	120.3
50°	87.5
52.5°	56.9
55°	40.5
57.5°	36.1
60°	32.8
62.5°	29.5
65°	26.2
67.5°	23.0
70°	19.7
72.5°	16.4
75°	13.1
77.5°	10.9
80°	8.7
82.5°	5.5
85°	3.3
87.5°	2.2
90°	0.0

(END OF REPORT)