

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: P1270927

Luminaire Tested: P3AS02R309827DE010 E3DLP1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270927
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R309827DE010 E3DLP1LI
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 98CRI , E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

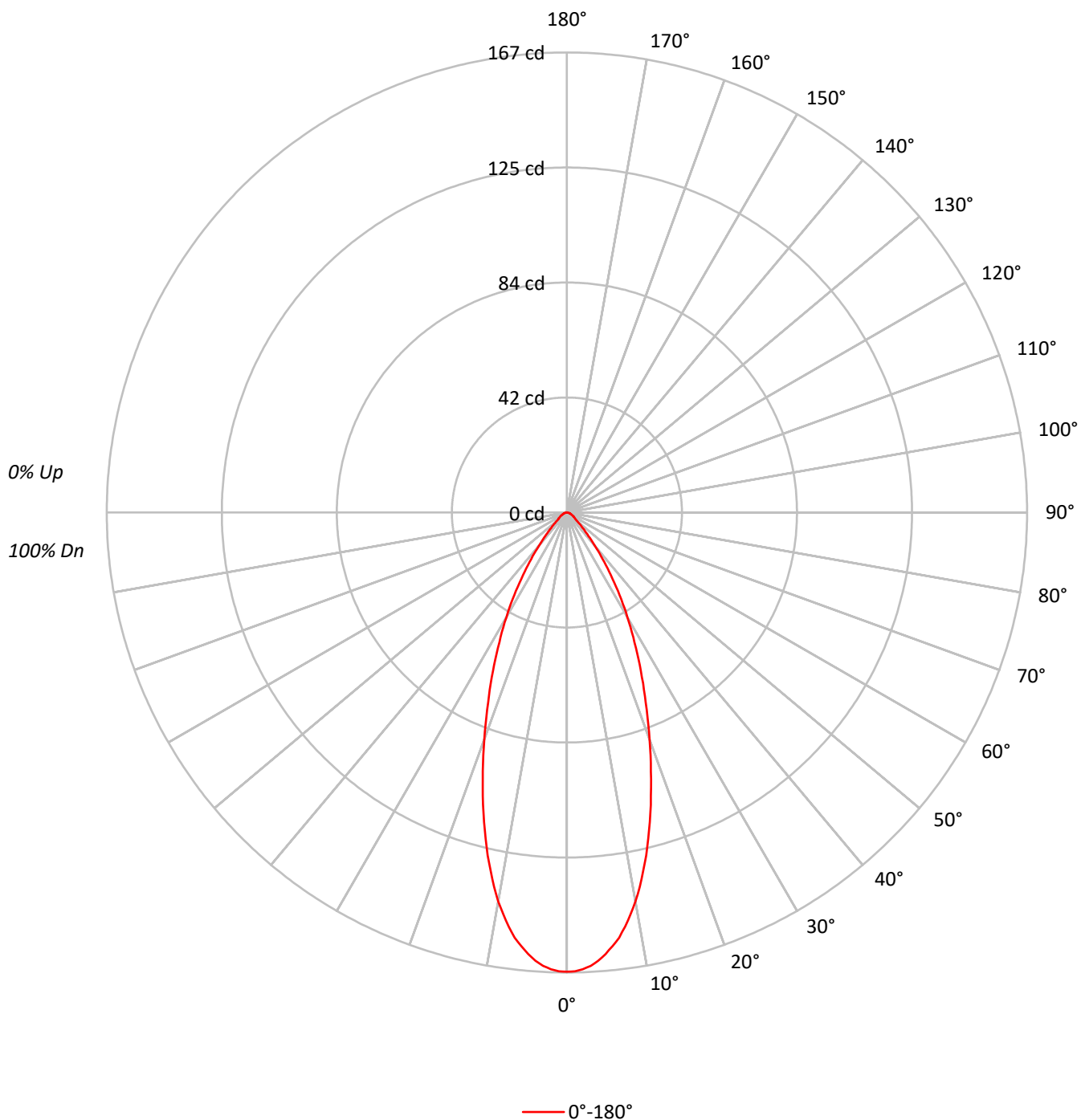
Lumens per Lamp: N/A
Luminaire Lumens: 107.0 lumens
Efficiency: N/A
Efficacy: 29.7 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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: P1270927

CATALOG NUMBER: P3AS02R309827DE010 E3DLP1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1270927

CATALOG NUMBER: P3AS02R309827DE010 E3DLP1LI

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	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	85	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63
10	73	63	58	54	72	63	57	54	62	57	53		61	57	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	36554
5°	35417
10°	31930
15°	26402
20°	20442
25°	15340
30°	11141
35°	7415
40°	4551
45°	2667
50°	1637
55°	1338
60°	1184
65°	934
70°	833
75°	847
80°	631
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2667 cd/sqm

TEST NUMBER: P1270927

CATALOG NUMBER: P3AS02R309827DE010 E3DLP1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.8	13.8
10°-20°	32.0	29.9
20°-30°	29.2	27.2
30°-40°	17.6	16.5
40°-50°	7.1	6.6
50°-60°	3.1	2.9
60°-70°	1.9	1.8
70°-80°	1.0	1.0
80°-90°	0.3	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°	76.0	71.0
0°-40°	93.6	87.5
0°-60°	103.8	97.0
0°-90°	107.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	107.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	167	
5°	161	15
15°	116	32
25°	63	29
35°	28	18
45°	9	7
55°	4	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1270927

CATALOG NUMBER: P3AS02R309827DE010 E3DLP1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	166.7
1°	166.6
2°	165.9
3°	164.8
4°	163.1
5°	160.9
6°	158.3
7°	155.5
8°	151.8
9°	147.7
10°	143.4
11°	138.4
12°	133.1
13°	127.8
14°	121.9
15°	116.3
17.5°	101.5
20°	87.6
22.5°	74.7
25°	63.4
27.5°	53.1
30°	44.0
32.5°	35.5
35°	27.7
37.5°	21.2
40°	15.9
42.5°	11.6
45°	8.6
47.5°	6.5
50°	4.8
52.5°	3.8
55°	3.5
57.5°	3.0
60°	2.7
62.5°	2.2
65°	1.8
67.5°	1.7
70°	1.3
72.5°	1.2
75°	1.0
77.5°	0.8
80°	0.5
82.5°	0.3
85°	0.3
87.5°	0.2



TEST NUMBER: P1270927

CATALOG NUMBER: P3AS02R309827DE010 E3DLP1LI

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)