

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: P#

Luminaire Tested: LDSQRT3D02R129727DE010 3LSQPHUSR1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P#
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-24)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: LDSQRT3D02R129727DE010 3LSQPHUSR1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 2700K CCT AND, 97CRI , 3LSQPHUSR1MW TRIM
Light Source: -
Ballast/Driver: -

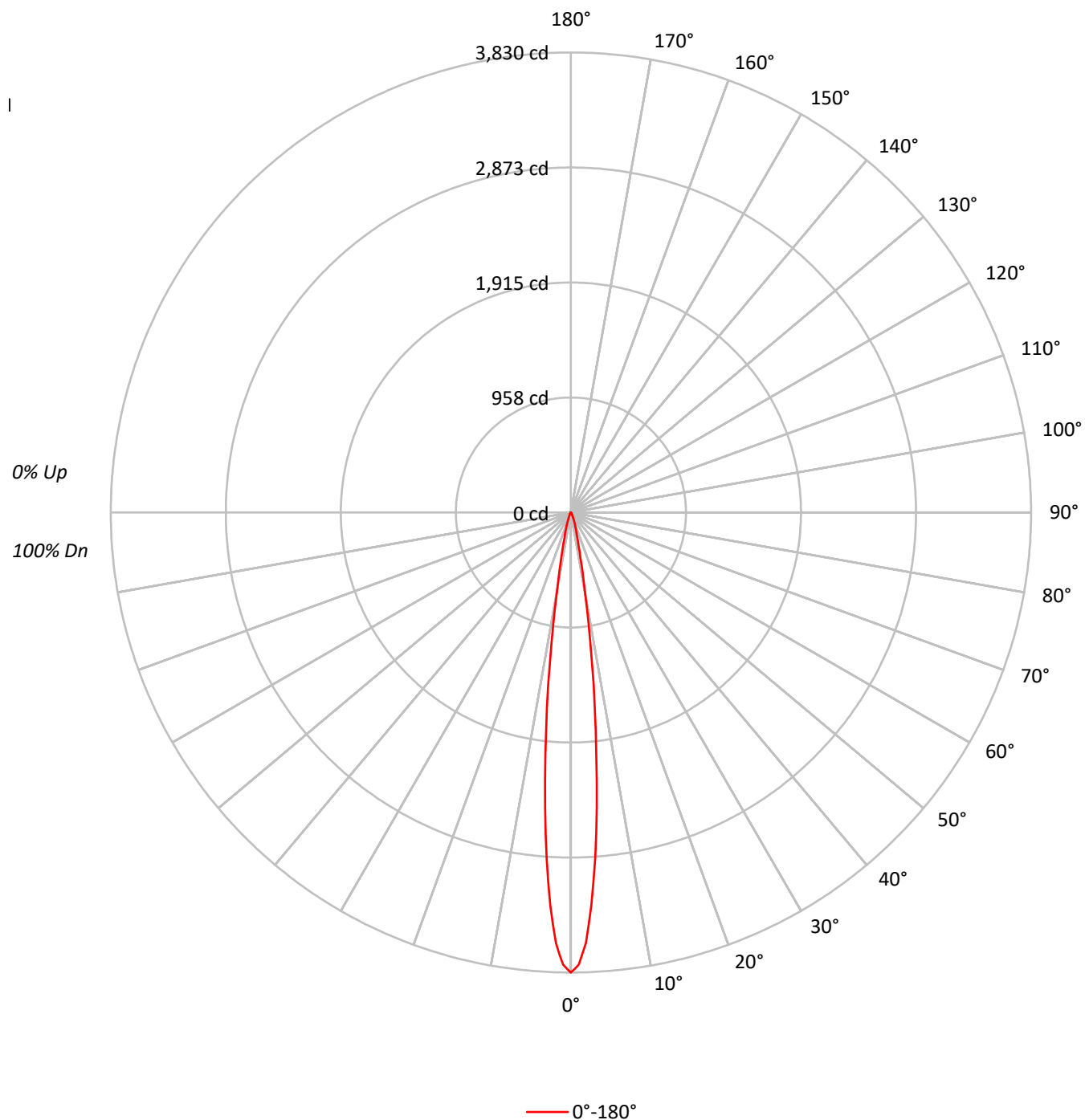
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 260.0 lumens
Efficiency: N/A
Efficacy: 70.3 lumens/watt
Spacing Criteria (0/90/45): 0.22 / 0.22 / 0.22
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.7
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: P#
CATALOG NUMBER: LDSQRT3D02R129727DE010 3LSQPHUSR1MW

Luminous Intensity Polar Plot



TEST NUMBER: P#

CATALOG NUMBER: LDSQRT3D02R129727DE010 3LSQPHUSR1MW

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	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	116	114	113	111		114	112	111	109		108	107	106		104	104	103		101	101	100
2	113	110	108	106		111	108	106	104		105	104	102		103	101	100		100	99	98
3	110	107	104	102		109	105	103	101		103	101	99		101	99	98		99	98	96
4	108	104	101	98		107	103	100	98		101	99	97		99	97	96		98	96	95
5	106	102	98	96		105	101	98	96		99	97	95		98	96	94		97	95	93
6	104	99	96	94		103	99	96	94		98	95	93		96	94	93		95	93	92
7	102	98	94	92		101	97	94	92		96	93	92		95	93	91		94	92	91
8	101	96	93	91		100	95	93	90		95	92	90		94	92	90		93	91	90
9	99	94	91	89		98	94	91	89		93	91	89		93	90	89		92	90	88
10	98	93	90	88		97	93	90	88		92	90	88		91	89	88		91	89	87

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	659682
5°	426237
10°	120265
15°	34001
20°	14222
25°	6290
30°	3222
35°	1703
40°	719
45°	195
50°	214
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 50°

Luminance: 214 cd/sqm

TEST NUMBER: P#

CATALOG NUMBER: LDSQRT3D02R129727DE010 3LSQPHUSR1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	173.7	66.8
10°-20°	63.0	24.2
20°-30°	16.9	6.5
30°-40°	5.3	2.0
40°-50°	1.0	0.4
50°-60°	0.1	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	253.6	97.5
0°-40°	258.9	99.6
0°-60°	260.0	100.0
0°-90°	260.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	260.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3830	
5°	2466	174
15°	191	63
25°	33	17
35°	8	5
45°	1	1
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P#

CATALOG NUMBER: LDSQRT3D02R129727DE010 3LSQPHUSR1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	3830.4
1°	3765.8
2°	3583.9
3°	3272.8
4°	2886.6
5°	2465.5
6°	2026.7
7°	1634.0
8°	1257.4
9°	935.8
10°	687.7
11°	506.7
12°	381.4
13°	295.8
14°	234.4
15°	190.7
17.5°	121.2
20°	77.6
22.5°	50.1
25°	33.1
27.5°	22.6
30°	16.2
32.5°	11.3
35°	8.1
37.5°	5.7
40°	3.2
42.5°	1.6
45°	0.8
47.5°	0.8
50°	0.8
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0



TEST NUMBER: P#
CATALOG NUMBER: LDSQRT3D02R129727DE010 3LSQPHUSR1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)