

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: LDSQRT3D02R089730DE010 3LSQCBUSR1MW

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 (G3-2408-211-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: LDSQRT3D02R089730DE010 3LSQCBUSR1MW
Description: 3in Adjustable LED luminaire with, R08 optic, 3000K CCT AND, 97CRI , 3LSQCBUSR1MW TRIM
Light Source: -
Ballast/Driver: -

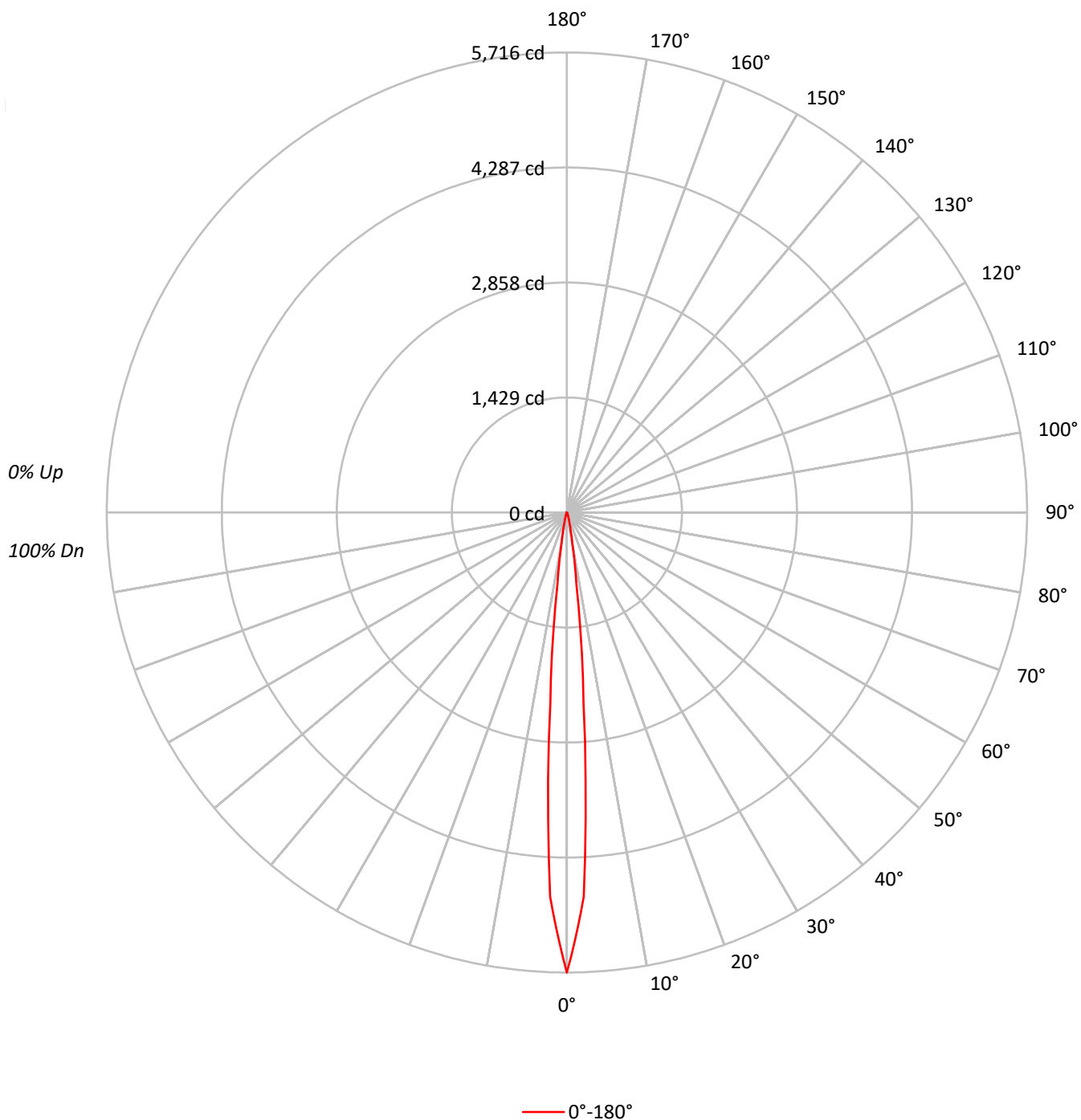
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 221.0 lumens
Efficiency: N/A
Efficacy: 45.1 lumens/watt
Spacing Criteria (0/90/45): 0.16 / 0.16 / 0.16
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 4.9
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

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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	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	110		108	107	106		105	104	103		101	101	100
2	113	111	108	106		111	109	107	105		106	104	103		103	102	101		101	100	99
3	111	107	105	103		109	106	104	102		104	102	100		102	100	99		100	98	97
4	109	105	102	100		108	104	101	99		102	100	98		100	99	97		99	97	96
5	107	103	100	98		106	102	99	97		101	98	97		99	97	96		98	96	95
6	105	101	98	96		104	100	98	96		99	97	95		98	96	95		97	95	94
7	104	99	97	95		103	99	96	94		98	96	94		97	95	94		96	94	93
8	103	98	95	93		102	98	95	93		97	95	93		96	94	93		95	94	92
9	101	97	94	92		101	97	94	92		96	94	92		95	93	92		95	93	92
10	100	96	93	91		100	96	93	91		95	93	91		94	92	91		94	92	91

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	984442
5°	410505
10°	66069
15°	18935
20°	6378
25°	2812
30°	1551
35°	1093
40°	989
45°	633
50°	455
55°	270
60°	310
65°	367
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 633 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	170.5	77.1
10°-20°	35.7	16.1
20°-30°	7.8	3.5
30°-40°	3.4	1.5
40°-50°	2.1	0.9
50°-60°	0.9	0.4
60°-70°	0.8	0.4
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°	213.9	96.8
0°-40°	217.3	98.3
0°-60°	220.3	99.6
0°-90°	221.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	221.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5716	
5°	2374	170
15°	106	36
25°	15	8
35°	5	3
45°	3	2
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	5716.1
2.5°	4777.8
5°	2374.5
7.5°	885.2
10°	377.8
12.5°	195.0
15°	106.2
17.5°	60.1
20°	34.8
22.5°	22.6
25°	14.8
27.5°	11.3
30°	7.8
32.5°	6.1
35°	5.2
37.5°	4.4
40°	4.4
42.5°	3.5
45°	2.6
47.5°	1.7
50°	1.7
52.5°	0.9
55°	0.9
57.5°	0.9
60°	0.9
62.5°	0.9
65°	0.9
67.5°	0.9
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
90°	0.0

(END OF REPORT)