

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: P1305365

Luminaire Tested: P3SQAS02R129024DE010 E3SQCD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1305365
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: P3SQAS02R129024DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 2400K CCT AND, 90CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

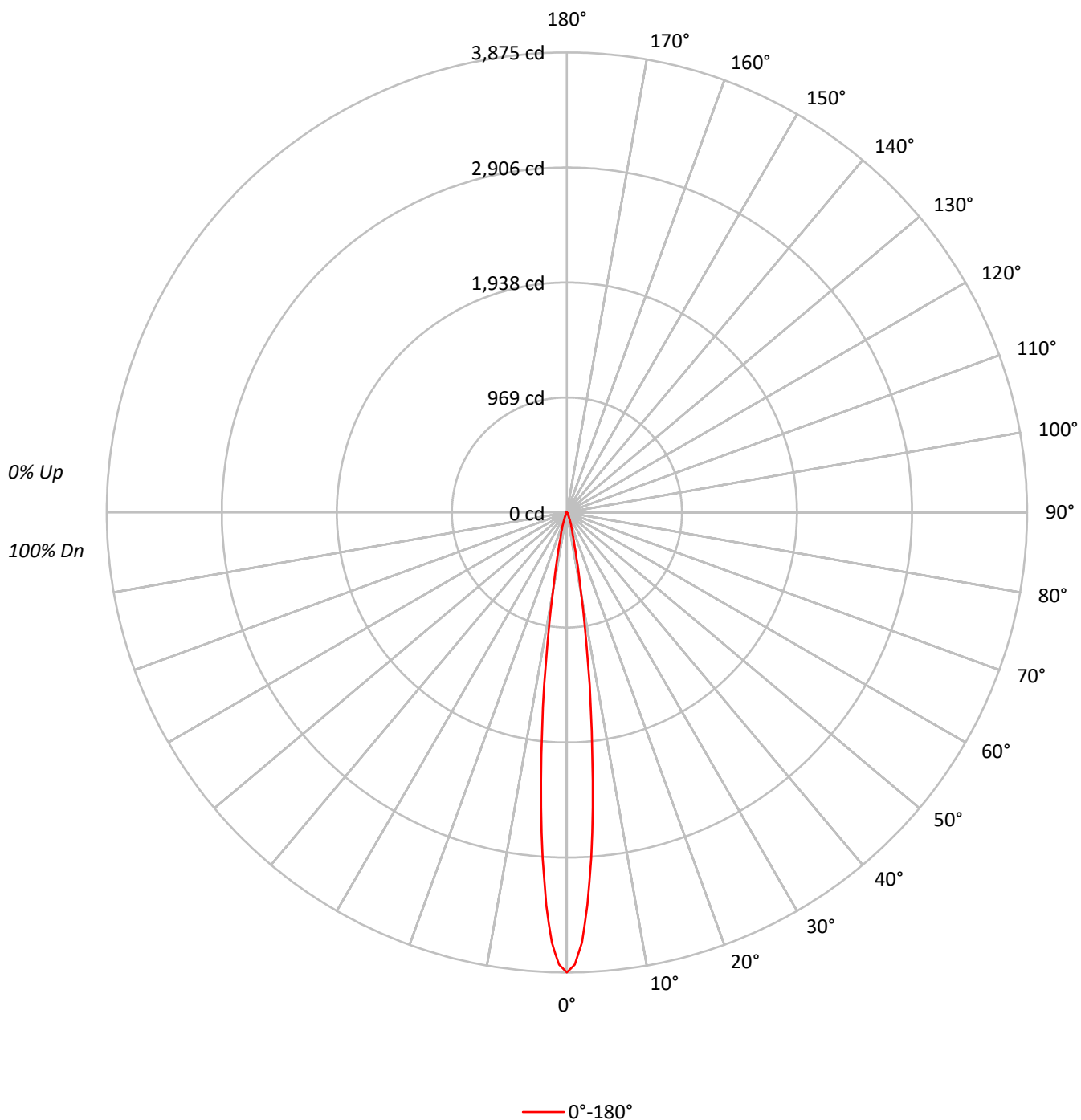
Lumens per Lamp: N/A
Luminaire Lumens: 263.0 lumens
Efficiency: N/A
Efficacy: 71.1 lumens/watt
Spacing Criteria (0/90/45): 0.22 / 0.22 / 0.22
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	667294
5°	431164
10°	121646
15°	34394
20°	14387
25°	6366
30°	3242
35°	1724
40°	742
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

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	175.7	66.8
10°-20°	63.7	24.2
20°-30°	17.1	6.5
30°-40°	5.4	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°	256.5	97.6
0°-40°	261.9	99.6
0°-60°	263.0	100.0
0°-90°	263.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	263.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3875	
5°	2494	176
15°	193	64
25°	34	17
35°	8	5
45°	1	1
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3874.6
1°	3809.2
2°	3625.3
3°	3310.6
4°	2919.9
5°	2494.0
6°	2050.1
7°	1652.8
8°	1271.9
9°	946.6
10°	695.6
11°	512.5
12°	385.8
13°	299.2
14°	237.1
15°	192.9
17.5°	122.6
20°	78.5
22.5°	50.7
25°	33.5
27.5°	22.9
30°	16.3
32.5°	11.4
35°	8.2
37.5°	5.7
40°	3.3
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



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)