

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: P1310182

Luminaire Tested: P3SQAS13R129040DE010 E3SQCD1MB

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1310182
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: P3SQAS13R129040DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R12 optic, 4000K CCT AND, 90CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

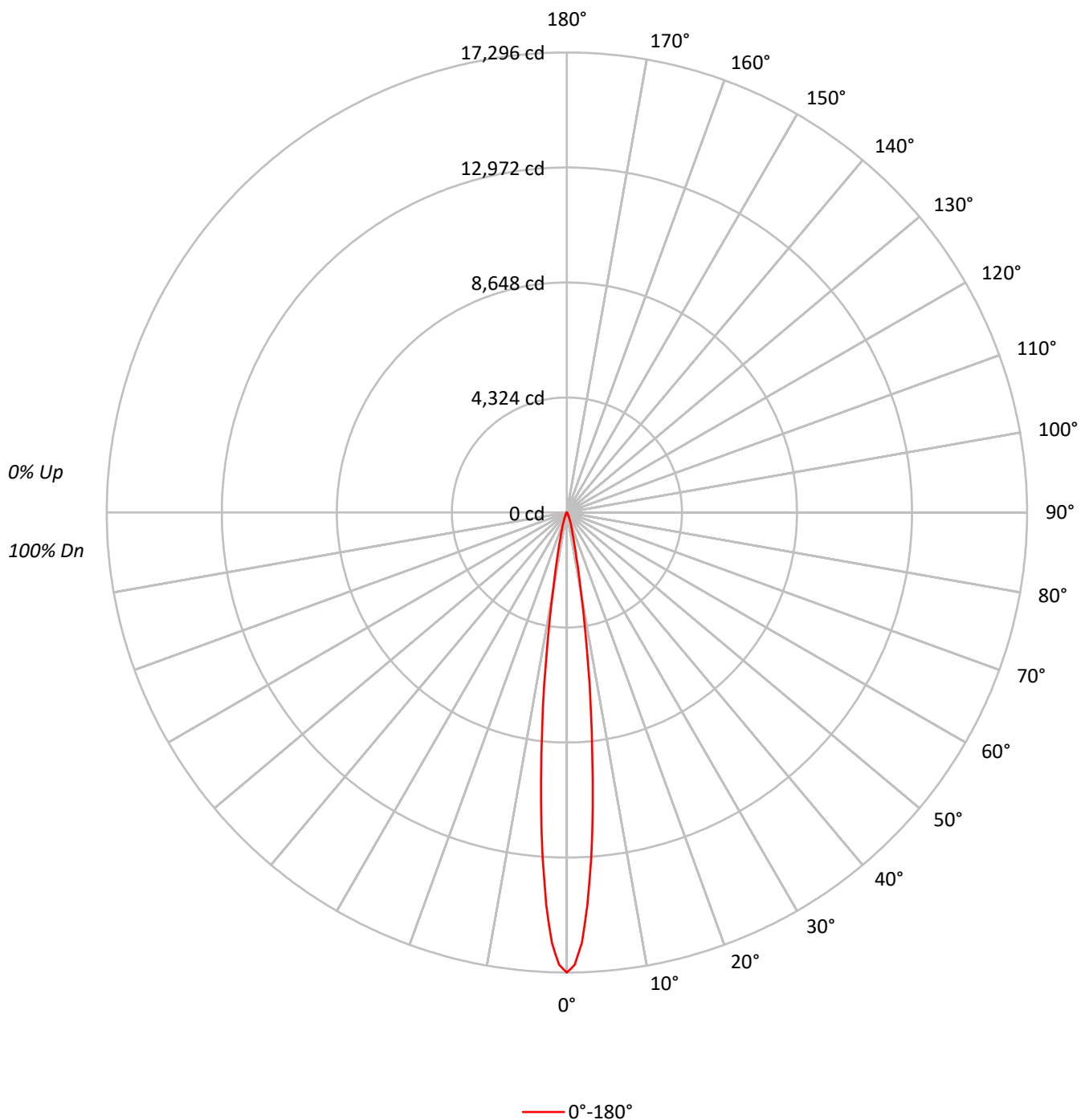
Lumens per Lamp: N/A
Luminaire Lumens: 1174.0 lumens
Efficiency: N/A
Efficacy: 75.7 lumens/watt
Spacing Criteria (0/90/45): 0.22 / 0.22 / 0.22
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 15.5
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: P1310182

CATALOG NUMBER: P3SQAS13R129040DE010 E3SQCD1MB

Luminous Intensity Polar Plot



TEST NUMBER: P1310182

CATALOG NUMBER: P3SQAS13R129040DE010 E3SQCD1MB

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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100
1	116	114	113	111	114	112	111	109	108	107	106	104	104	103	101	101	100	98	98	98
2	113	110	108	106	111	108	106	104	105	104	102	103	101	100	100	99	98	97	97	97
3	110	107	104	102	109	105	103	101	103	101	99	101	99	98	99	98	96	95	95	95
4	108	104	101	98	107	103	100	98	101	99	97	99	97	96	98	96	95	94	94	94
5	106	102	98	96	105	101	98	96	99	97	95	98	96	94	97	95	93	92	92	92
6	104	99	96	94	103	99	96	94	98	95	93	96	94	93	95	93	92	91	91	91
7	102	98	94	92	101	97	94	92	96	93	92	95	93	91	94	92	91	90	90	90
8	101	96	93	91	100	95	93	90	95	92	90	94	92	90	93	91	90	89	89	89
9	99	94	91	89	98	94	91	89	93	91	89	93	90	89	92	90	88	88	88	88
10	98	93	90	88	97	93	90	88	92	90	88	91	89	88	91	89	87	87	87	87

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	2978728
5°	1924644
10°	543036
15°	153532
20°	64201
25°	28428
30°	14517
35°	7674
40°	3282
45°	877
50°	965
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: 965 cd/sqm

TEST NUMBER: P1310182

CATALOG NUMBER: P3SQAS13R129040DE010 E3SQCD1MB

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	784.4	66.8
10°-20°	284.6	24.2
20°-30°	76.2	6.5
30°-40°	24.0	2.0
40°-50°	4.5	0.4
50°-60°	0.4	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°	1145.2	97.5
0°-40°	1169.1	99.6
0°-60°	1174.0	100.0
0°-90°	1174.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1174.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	17296	
5°	11133	784
15°	861	285
25°	150	76
35°	36	24
45°	4	4
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1310182

CATALOG NUMBER: P3SQAS13R129040DE010 E3SQCD1MB

CANDELA DISTRIBUTION (FULL):

0°	
0°	17295.8
1°	17003.9
2°	16182.9
3°	14778.1
4°	13033.9
5°	11132.8
6°	9151.5
7°	7378.1
8°	5677.7
9°	4225.4
10°	3105.2
11°	2287.9
12°	1722.3
13°	1335.5
14°	1058.2
15°	861.1
17.5°	547.3
20°	350.3
22.5°	226.2
25°	149.6
27.5°	102.2
30°	73.0
32.5°	51.1
35°	36.5
37.5°	25.5
40°	14.6
42.5°	7.3
45°	3.6
47.5°	3.6
50°	3.6
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: P1310182

CATALOG NUMBER: P3SQAS13R129040DE010 E3SQCD1MB

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)