

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: P1308941

Luminaire Tested: P3SQAS09R259035DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1308941
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS09R259035DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

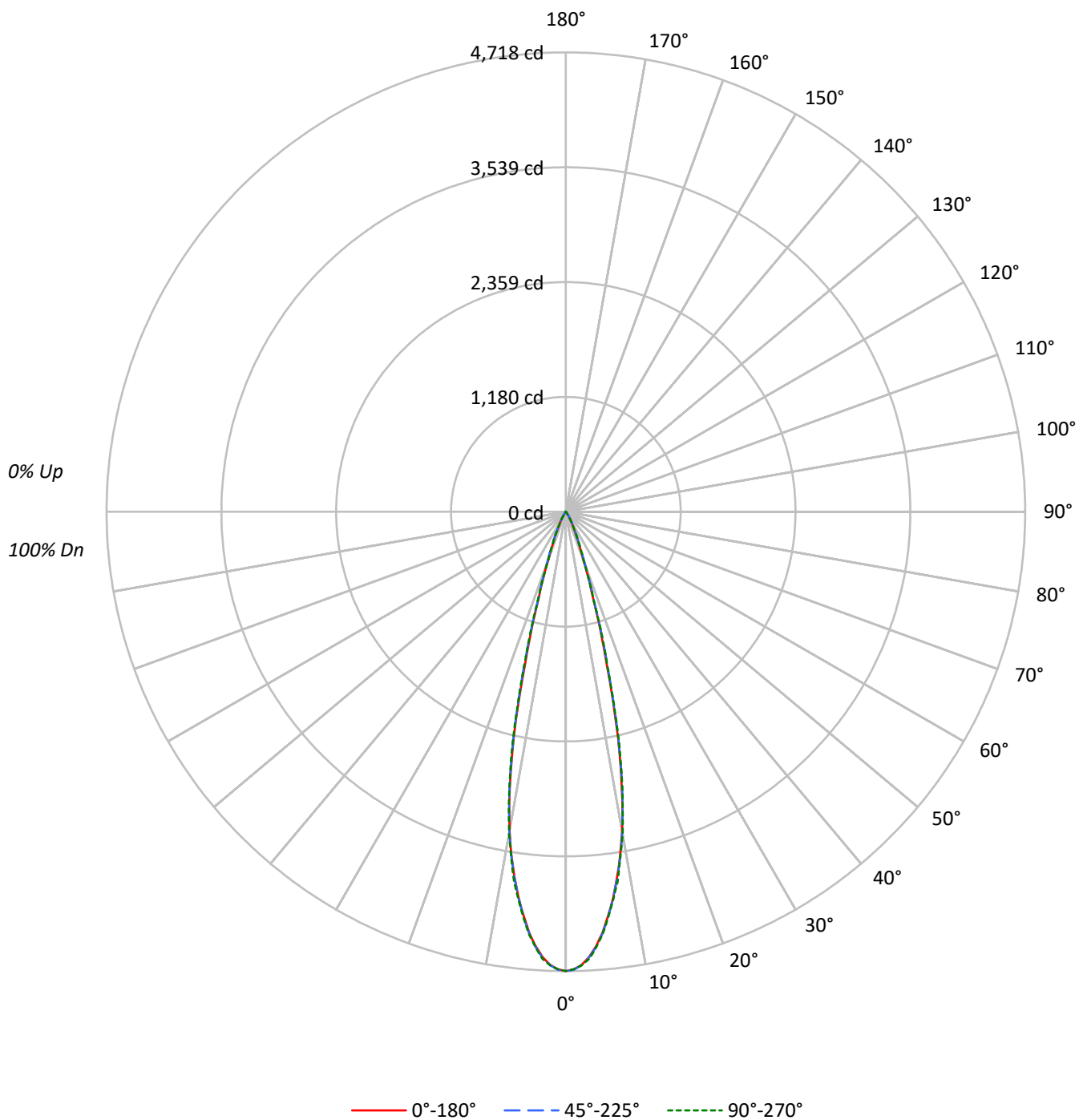
Lumens per Lamp: N/A
Luminaire Lumens: 982.0 lumens
Efficiency: N/A
Efficacy: 88.5 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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: P1308941

CATALOG NUMBER: P3SQAS09R259035DE010 E3SQCD1MB

Luminous Intensity Polar Plot



TEST NUMBER: P1308941

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20			
RC	80				70				50				30				10			0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	115	113	111	110	113	111	110	108	107	106	105		103	103	102		100	99	99	97
2	112	108	105	103	110	107	104	102	104	102	100		101	99	98		98	97	96	94
3	108	104	101	98	107	103	100	97	100	98	96		98	96	94		96	94	93	92
4	105	100	97	94	104	99	96	93	97	95	92		96	93	91		94	92	90	89
5	103	97	93	90	101	96	93	90	95	92	89		93	91	89		92	90	88	87
6	100	94	90	87	99	93	90	87	92	89	87		91	88	86		90	87	85	84
7	97	91	87	85	96	91	87	84	90	86	84		89	86	84		88	85	83	82
8	95	89	85	82	94	88	85	82	87	84	82		87	84	82		86	83	81	80
9	93	86	83	80	92	86	82	80	85	82	80		85	82	80		84	81	79	78
10	91	84	81	78	90	84	80	78	83	80	78		83	80	78		82	79	77	77

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	812495	812495	812495
5°	749178	750872	752428
10°	581684	583783	586948
15°	287452	299541	299683
20°	96788	103276	98731
25°	40077	44523	41236
30°	15730	19767	15889
35°	4121	8073	4268
40°	1529	3215	1529
45°	195	926	195
50°	0	214	0
55°	0	0	0
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 926 cd/sqm

TEST NUMBER: P1308941

CATALOG NUMBER: P3SQAS09R259035DE010 E3SQCD1MB

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	382.3	38.9
10°-20°	462.4	47.1
20°-30°	112.9	11.5
30°-40°	21.9	2.2
40°-50°	2.5	0.3
50°-60°	0.0	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°	957.5	97.5
0°-40°	979.5	99.7
0°-60°	982.0	100.0
0°-90°	982.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	982.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4718	4718	4718	4718	4718	
5°	4334	4340	4343	4362	4352	381
15°	1612	1651	1680	1697	1681	454
25°	211	222	234	224	217	107
35°	20	28	38	28	20	17
45°	1	2	4	2	1	1
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	

TEST NUMBER: P1308941

CATALOG NUMBER: P3SQAS09R259035DE010 E3SQCD1MB

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4717.7	4717.7	4717.7	4717.7	4717.7
1°	4699.6	4702.6	4703.4	4707.9	4698.9
2°	4656.7	4657.4	4659.7	4668.7	4660.4
3°	4577.6	4582.8	4583.6	4595.6	4597.9
4°	4469.8	4472.8	4478.9	4499.2	4481.1
5°	4333.5	4339.5	4343.3	4362.1	4352.3
6°	4164.7	4166.2	4174.5	4196.3	4182.8
7°	3992.9	3992.2	3992.9	4010.3	4006.5
8°	3785.8	3782.0	3794.0	3815.1	3829.4
9°	3569.5	3574.8	3582.3	3602.7	3586.1
10°	3326.2	3340.5	3338.2	3339.7	3356.3
11°	3045.9	3050.5	3051.2	3067.0	3064.8
12°	2716.7	2716.7	2741.6	2767.2	2758.9
13°	2384.5	2407.8	2391.2	2396.5	2429.7
14°	1997.2	2015.3	2037.9	2059.0	2042.4
15°	1612.2	1650.7	1680.0	1696.6	1680.8
17.5°	923.6	936.5	961.3	964.3	954.5
20°	528.1	543.9	563.5	557.5	538.7
22.5°	332.2	336.8	356.4	346.6	342.0
25°	210.9	222.2	234.3	224.5	217.0
27.5°	131.1	138.6	151.4	140.9	132.6
30°	79.1	85.9	99.4	85.1	79.9
32.5°	41.4	51.2	62.5	52.0	41.4
35°	19.6	27.9	38.4	27.9	20.3
37.5°	12.1	15.1	23.4	15.1	12.1
40°	6.8	9.8	14.3	9.8	6.8
42.5°	3.0	5.3	6.8	5.3	3.8
45°	0.8	2.3	3.8	2.3	0.8
47.5°	0.0	0.0	2.3	0.8	0.0
50°	0.0	0.0	0.8	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P1308941

CATALOG NUMBER: P3SQAS09R259035DE010 E3SQCD1MB

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)