

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: P1308440

Luminaire Tested: P3SQAS24R259030D010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1308440
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: P3SQAS24R259030D010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

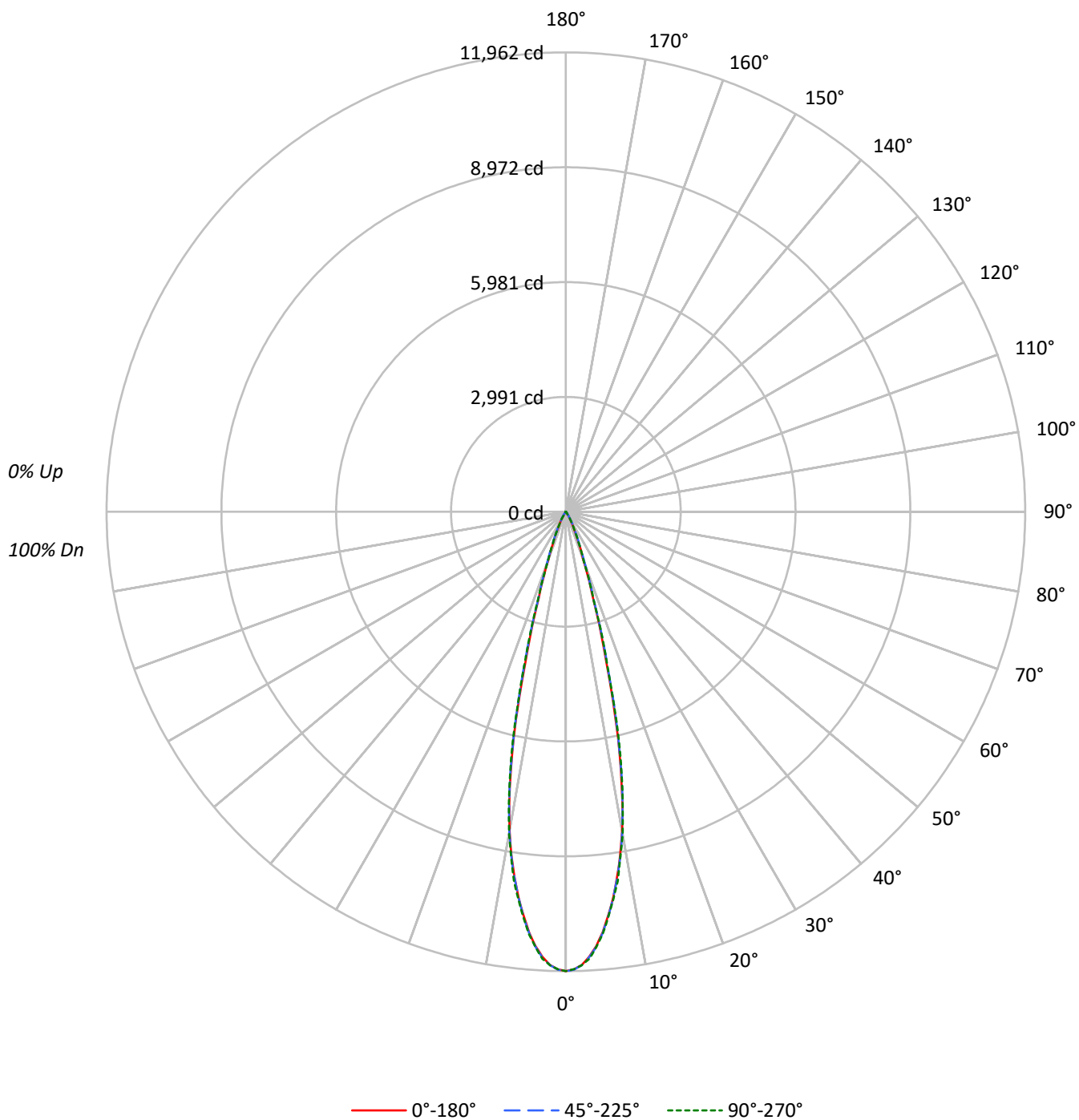
Lumens per Lamp: N/A
Luminaire Lumens: 2490.0 lumens
Efficiency: N/A
Efficacy: 86.5 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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: P1308440

CATALOG NUMBER: P3SQAS24R259030D010 E3SQCD1MB

Luminous Intensity Polar Plot



TEST NUMBER: P1308440

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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2060196	2060196	2060196
5°	1899628	1903916	1907892
10°	1474933	1480285	1488294
15°	728900	759549	759888
20°	245424	261882	250336
25°	101645	112895	104553
30°	39892	50154	40270
35°	10449	20478	10849
40°	3867	8161	3867
45°	463	2338	463
50°	0	509	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: 2338 cd/sqm

TEST NUMBER: P1308440

CATALOG NUMBER: P3SQAS24R259030D010 E3SQCD1MB

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	969.3	38.9
10°-20°	1172.4	47.1
20°-30°	286.3	11.5
30°-40°	55.6	2.2
40°-50°	6.3	0.3
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°	2428.0	97.5
0°-40°	2483.6	99.7
0°-60°	2490.0	100.0
0°-90°	2490.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2490.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	11962	11962	11962	11962	11962	
5°	10988	11003	11013	11061	11036	966
15°	4088	4186	4260	4302	4262	1151
25°	535	564	594	569	550	272
35°	50	71	97	71	52	44
45°	2	6	10	6	2	3
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: P1308440

CATALOG NUMBER: P3SQAS24R259030D010 E3SQCD1MB

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	11962.4	11962.4	11962.4	11962.4	11962.4
1°	11916.5	11924.2	11926.1	11937.5	11914.6
2°	11807.6	11809.5	11815.3	11838.2	11817.2
3°	11607.0	11620.4	11622.3	11652.9	11658.6
4°	11333.9	11341.5	11356.8	11408.4	11362.5
5°	10988.1	11003.4	11012.9	11060.7	11035.9
6°	10560.2	10564.0	10585.0	10640.4	10606.0
7°	10124.6	10122.7	10124.6	10168.6	10159.0
8°	9599.3	9589.8	9620.3	9673.8	9710.1
9°	9051.1	9064.4	9083.5	9135.1	9093.1
10°	8434.0	8470.3	8464.6	8468.4	8510.4
11°	7723.4	7734.8	7736.8	7776.9	7771.1
12°	6888.6	6888.6	6951.6	7016.6	6995.6
13°	6046.1	6105.4	6063.3	6076.7	6160.8
14°	5064.2	5110.1	5167.4	5220.9	5178.9
15°	4088.1	4185.5	4260.0	4302.0	4261.9
17.5°	2342.0	2374.5	2437.6	2445.2	2420.4
20°	1339.1	1379.2	1428.9	1413.6	1365.9
22.5°	842.4	853.9	903.6	878.7	867.3
25°	534.9	563.5	594.1	569.3	550.2
27.5°	332.4	351.5	384.0	357.2	336.2
30°	200.6	217.8	252.2	215.9	202.5
32.5°	105.1	129.9	158.6	131.8	105.1
35°	49.7	70.7	97.4	70.7	51.6
37.5°	30.6	38.2	59.2	38.2	30.6
40°	17.2	24.8	36.3	24.8	17.2
42.5°	7.6	13.4	17.2	13.4	9.6
45°	1.9	5.7	9.6	5.7	1.9
47.5°	0.0	0.0	5.7	1.9	0.0
50°	0.0	0.0	1.9	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: P1308440

CATALOG NUMBER: P3SQAS24R259030D010 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)