

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: P1307323

Luminaire Tested: P3SQAS24R259027D010 E3SQCD1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1307323
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: P3SQAS24R259027D010 E3SQCD1MMS
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3SQCD1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

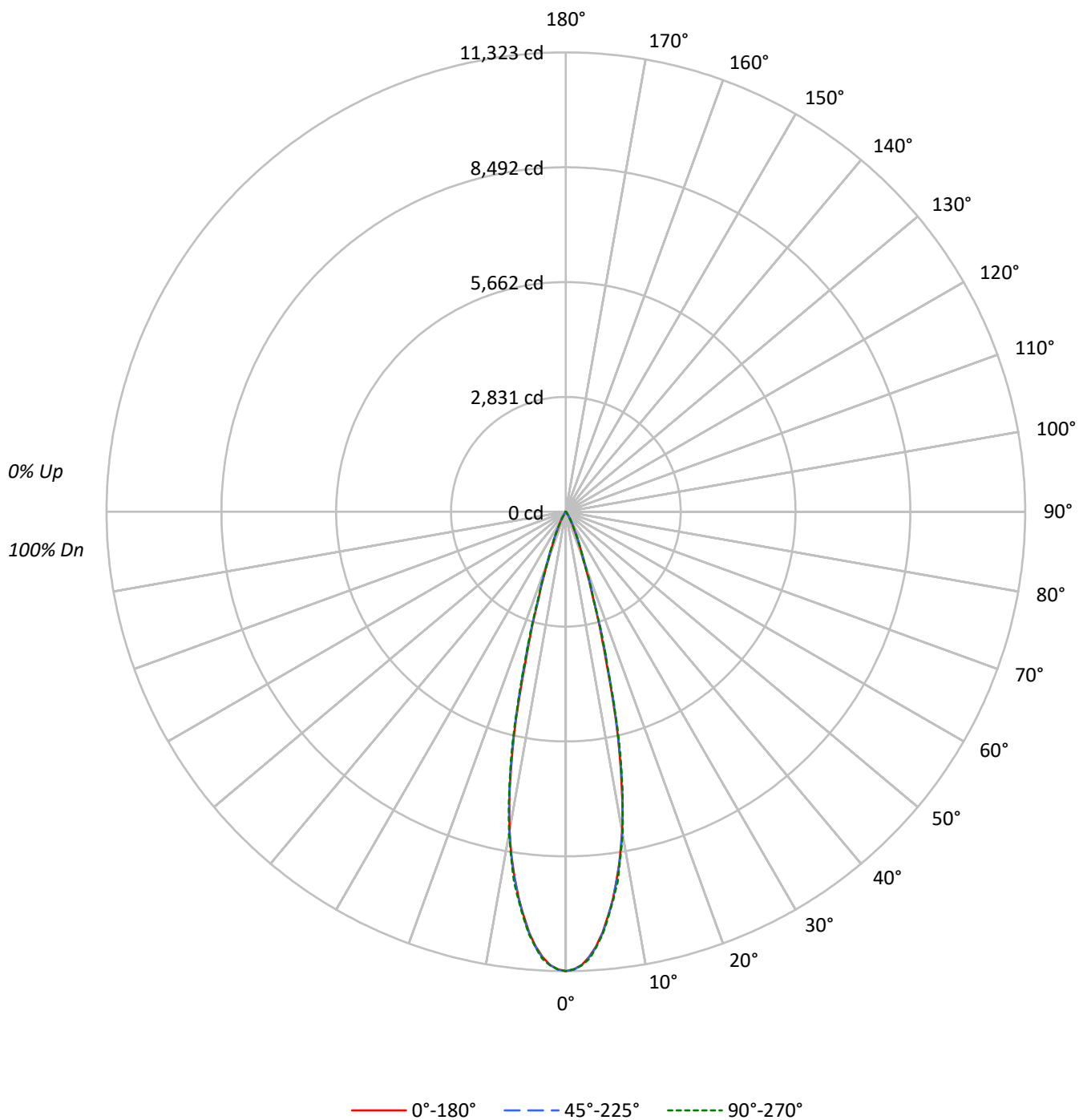
Lumens per Lamp: N/A
Luminaire Lumens: 2357.0 lumens
Efficiency: N/A
Efficacy: 81.8 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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: P1307323

CATALOG NUMBER: P3SQAS24R259027D010 E3SQCD1MMS

Luminous Intensity Polar Plot



TEST NUMBER: P1307323

CATALOG NUMBER: P3SQAS24R259027D010 E3SQCD1MMS

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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1950146	1950146	1950146
5°	1798165	1802227	1805979
10°	1396150	1401222	1408811
15°	689960	718987	719308
20°	232320	247898	236957
25°	96210	106871	98966
30°	37765	47469	38123
35°	9882	19385	10260
40°	3665	7734	3665
45°	438	2192	438
50°	0	482	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: 2192 cd/sqm

TEST NUMBER: P1307323

CATALOG NUMBER: P3SQAS24R259027D010 E3SQCD1MMS

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	917.5	38.9
10°-20°	1109.8	47.1
20°-30°	271.0	11.5
30°-40°	52.7	2.2
40°-50°	6.0	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°	2298.3	97.5
0°-40°	2351.0	99.7
0°-60°	2357.0	100.0
0°-90°	2357.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2357.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	11323	11323	11323	11323	11323	
5°	10401	10416	10425	10470	10446	915
15°	3870	3962	4032	4072	4034	1090
25°	506	533	562	539	521	258
35°	47	67	92	67	49	42
45°	2	5	9	5	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: P1307323

CATALOG NUMBER: P3SQAS24R259027D010 E3SQCD1MMS

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	11323.4	11323.4	11323.4	11323.4	11323.4
1°	11280.0	11287.2	11289.1	11299.9	11278.2
2°	11176.9	11178.7	11184.2	11205.9	11186.0
3°	10987.1	10999.7	11001.5	11030.5	11035.9
4°	10728.5	10735.7	10750.2	10799.0	10755.6
5°	10401.2	10415.7	10424.7	10469.9	10446.4
6°	9996.1	9999.8	10019.6	10072.1	10039.5
7°	9583.9	9582.0	9583.9	9625.4	9616.4
8°	9086.6	9077.5	9106.5	9157.1	9191.5
9°	8567.6	8580.3	8598.3	8647.2	8607.4
10°	7983.5	8017.9	8012.5	8016.1	8055.9
11°	7310.9	7321.7	7323.5	7361.5	7356.1
12°	6520.6	6520.6	6580.3	6641.8	6621.9
13°	5723.2	5779.2	5739.5	5752.1	5831.7
14°	4793.7	4837.1	4891.4	4942.0	4902.2
15°	3869.7	3961.9	4032.5	4072.2	4034.3
17.5°	2216.9	2247.7	2307.4	2314.6	2291.1
20°	1267.6	1305.6	1352.6	1338.1	1292.9
22.5°	797.4	808.3	855.3	831.8	821.0
25°	506.3	533.4	562.4	538.9	520.8
27.5°	314.6	332.7	363.5	338.1	318.3
30°	189.9	206.1	238.7	204.3	191.7
32.5°	99.5	123.0	150.1	124.8	99.5
35°	47.0	66.9	92.2	66.9	48.8
37.5°	28.9	36.2	56.1	36.2	28.9
40°	16.3	23.5	34.4	23.5	16.3
42.5°	7.2	12.7	16.3	12.7	9.0
45°	1.8	5.4	9.0	5.4	1.8
47.5°	0.0	0.0	5.4	1.8	0.0
50°	0.0	0.0	1.8	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: P1307323

CATALOG NUMBER: P3SQAS24R259027D010 E3SQCD1MMS

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)