

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: P1312902

Luminaire Tested: P3SQAS02R259730DE010 E3SQCD1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1312902
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: P3SQAS02R259730DE010 E3SQCD1MMS
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3SQCD1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

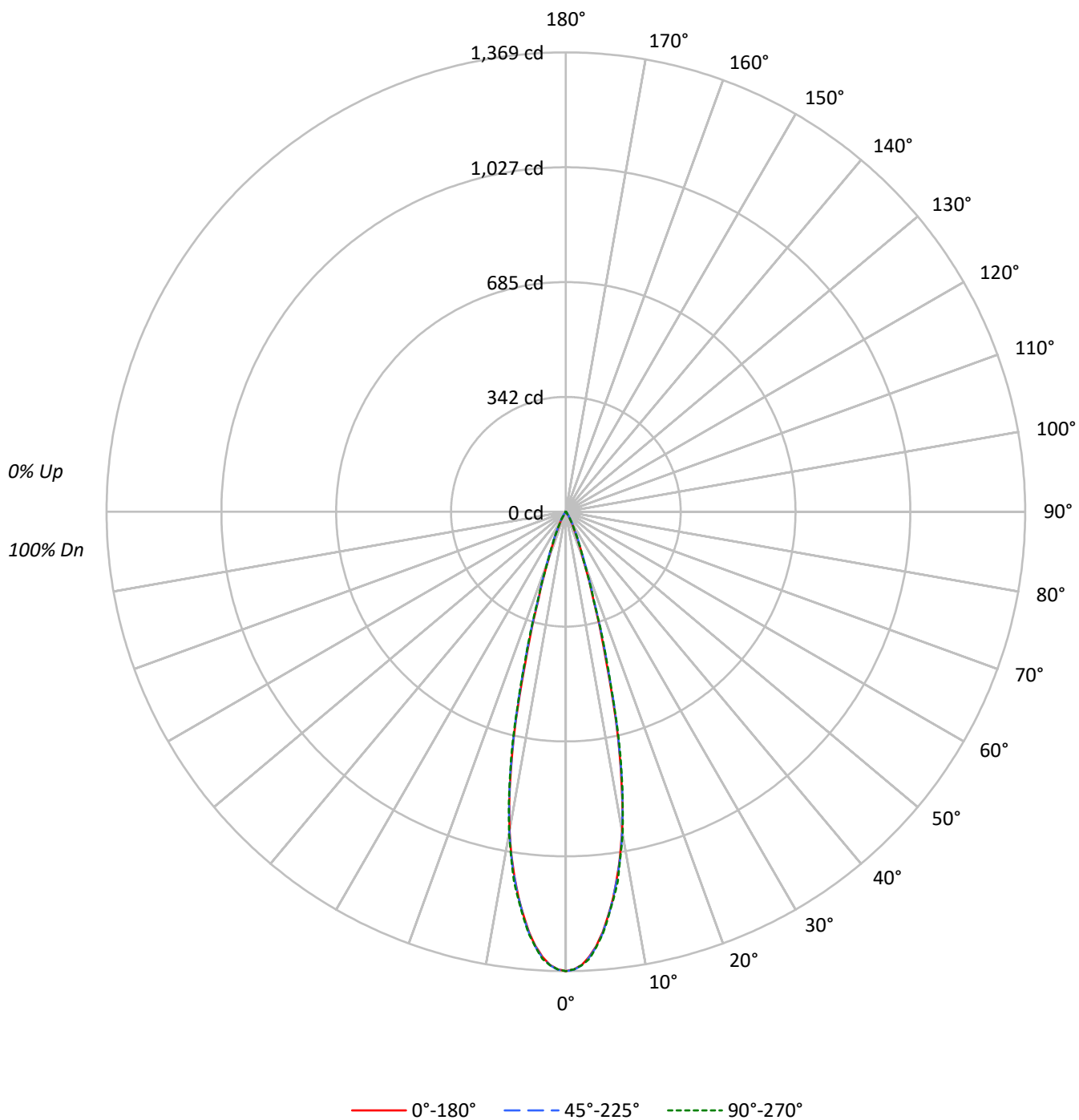
Lumens per Lamp: N/A
Luminaire Lumens: 285.0 lumens
Efficiency: N/A
Efficacy: 79.2 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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: P1312902

CATALOG NUMBER: P3SQAS02R259730DE010 E3SQCD1MMS

Luminous Intensity Polar Plot



TEST NUMBER: P1312902

CATALOG NUMBER: P3SQAS02R259730DE010 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°	235807	235807	235807
5°	217432	217916	218365
10°	168811	169423	170350
15°	83426	86938	86974
20°	28096	29984	28646
25°	11630	12922	11972
30°	4574	5747	4614
35°	1198	2355	1240
40°	450	944	450
45°	49	268	49
50°	0	54	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: 268 cd/sqm

TEST NUMBER: P1312902

CATALOG NUMBER: P3SQAS02R259730DE010 E3SQCD1MMS

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	110.9	38.9
10°-20°	134.2	47.1
20°-30°	32.8	11.5
30°-40°	6.4	2.2
40°-50°	0.7	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°	277.9	97.5
0°-40°	284.3	99.7
0°-60°	285.0	100.0
0°-90°	285.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	285.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1369	1369	1369	1369	1369	
5°	1258	1259	1260	1266	1263	111
15°	468	479	488	492	488	132
25°	61	64	68	65	63	31
35°	6	8	11	8	6	5
45°	0	1	1	1	0	0
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: P1312902

CATALOG NUMBER: P3SQAS02R259730DE010 E3SQCD1MMS

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1369.2	1369.2	1369.2	1369.2	1369.2
1°	1363.9	1364.8	1365.0	1366.3	1363.7
2°	1351.5	1351.7	1352.4	1355.0	1352.6
3°	1328.5	1330.0	1330.3	1333.8	1334.4
4°	1297.3	1298.1	1299.9	1305.8	1300.5
5°	1257.7	1259.4	1260.5	1266.0	1263.1
6°	1208.7	1209.1	1211.5	1217.9	1213.9
7°	1158.8	1158.6	1158.8	1163.9	1162.8
8°	1098.7	1097.6	1101.1	1107.2	1111.4
9°	1036.0	1037.5	1039.7	1045.6	1040.8
10°	965.3	969.5	968.8	969.3	974.1
11°	884.0	885.3	885.5	890.1	889.5
12°	788.5	788.5	795.7	803.1	800.7
13°	692.0	698.8	694.0	695.5	705.1
14°	579.6	584.9	591.4	597.6	592.8
15°	467.9	479.1	487.6	492.4	487.8
17.5°	268.1	271.8	279.0	279.9	277.0
20°	153.3	157.9	163.6	161.8	156.3
22.5°	96.4	97.7	103.4	100.6	99.3
25°	61.2	64.5	68.0	65.2	63.0
27.5°	38.0	40.2	43.9	40.9	38.5
30°	23.0	24.9	28.9	24.7	23.2
32.5°	12.0	14.9	18.1	15.1	12.0
35°	5.7	8.1	11.2	8.1	5.9
37.5°	3.5	4.4	6.8	4.4	3.5
40°	2.0	2.8	4.2	2.8	2.0
42.5°	0.9	1.5	2.0	1.5	1.1
45°	0.2	0.7	1.1	0.7	0.2
47.5°	0.0	0.0	0.7	0.2	0.0
50°	0.0	0.0	0.2	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: P1312902
CATALOG NUMBER: P3SQAS02R259730DE010 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)