

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: P1317720

Luminaire Tested: P3SQAS05R359835DE010 E3SQCD1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1317720
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS05R359835DE010 E3SQCD1MMS
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 98CRI , E3SQCD1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

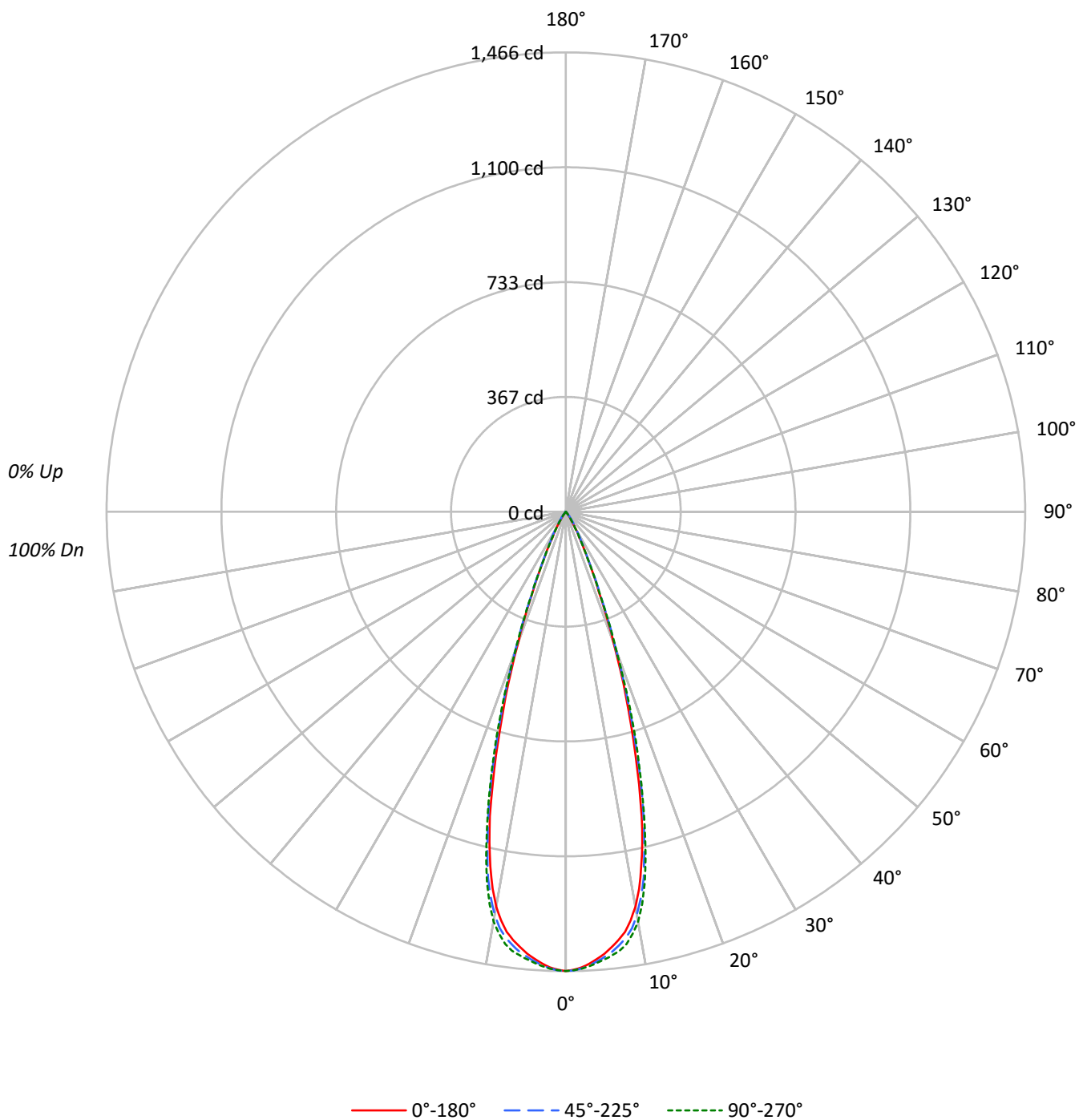
Lumens per Lamp: N/A
Luminaire Lumens: 488.0 lumens
Efficiency: N/A
Efficacy: 67.8 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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: P1317720

CATALOG NUMBER: P3SQAS05R359835DE010 E3SQCD1MMS

Luminous Intensity Polar Plot



TEST NUMBER: P1317720

CATALOG NUMBER: P3SQAS05R359835DE010 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	109	113	111	109	107	107	105	104		103	102	101		100
2	111	107	104	102	109	106	103	100	102	100	98		100	98	96		97
3	107	102	99	96	105	101	98	95	99	96	94		96	94	92		94
4	104	98	94	91	102	97	93	90	95	92	89		93	91	88		92
5	100	94	90	87	99	93	90	87	92	88	86		90	87	85		89
6	97	91	86	83	96	90	86	83	89	85	83		88	84	82		86
7	94	88	83	80	93	87	83	80	86	82	80		85	82	79		84
8	91	85	80	77	91	84	80	77	83	80	77		82	79	77		81
9	89	82	78	75	88	81	77	75	81	77	74		80	77	74		79
10	86	79	75	72	85	79	75	72	78	75	72		78	74	72		77

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	252427	252427	252427
5°	244764	246510	247841
10°	223671	228393	232327
15°	160843	167885	169258
20°	81887	85993	86213
25°	31069	31734	30841
30°	12071	13980	11753
35°	4142	6497	3911
40°	1394	2518	1304
45°	97	852	97
50°	0	107	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: 852 cd/sqm

TEST NUMBER: P1317720

CATALOG NUMBER: P3SQAS05R359835DE010 E3SQCD1MMS

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	132.7	27.2
10°-20°	247.2	50.7
20°-30°	88.9	18.2
30°-40°	17.3	3.6
40°-50°	1.9	0.4
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°	468.7	96.0
0°-40°	486.1	99.6
0°-60°	488.0	100.0
0°-90°	488.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	488.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1466	1466	1466	1466	1466	
5°	1416	1420	1426	1432	1434	131
15°	902	917	942	948	949	240
25°	164	165	167	166	162	86
35°	20	22	31	23	19	15
45°	0	1	4	1	0	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: P1317720

CATALOG NUMBER: P3SQAS05R359835DE010 E3SQCD1MMS

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1465.7	1465.7	1465.7	1465.7	1465.7
1°	1461.4	1463.4	1463.7	1466.4	1463.4
2°	1455.2	1456.4	1457.9	1460.3	1458.7
3°	1443.3	1445.6	1449.1	1452.1	1452.1
4°	1430.5	1433.6	1437.8	1443.3	1442.9
5°	1415.8	1419.7	1425.9	1432.4	1433.6
6°	1397.3	1401.9	1411.9	1421.2	1422.8
7°	1377.5	1384.5	1394.2	1407.7	1411.2
8°	1354.4	1359.8	1373.7	1389.5	1393.4
9°	1320.3	1328.5	1346.2	1360.9	1363.2
10°	1279.0	1284.8	1306.0	1321.5	1328.5
11°	1225.6	1234.2	1255.0	1270.9	1275.5
12°	1157.6	1170.0	1194.3	1205.9	1209.8
13°	1084.2	1094.6	1113.6	1127.9	1130.9
14°	1001.5	1011.5	1031.2	1042.8	1040.1
15°	902.1	917.2	941.6	948.1	949.3
17.5°	666.4	676.0	697.7	708.1	715.4
20°	446.8	456.1	469.2	476.2	470.4
22.5°	271.7	279.5	286.4	286.0	284.1
25°	163.5	165.0	167.0	165.8	162.3
27.5°	95.5	99.7	105.5	101.7	95.9
30°	60.7	64.2	70.3	63.8	59.1
32.5°	32.1	40.6	47.2	38.3	33.6
35°	19.7	22.4	30.9	22.8	18.6
37.5°	12.0	13.9	19.3	13.5	10.8
40°	6.2	8.9	11.2	8.1	5.8
42.5°	1.9	4.3	6.2	3.9	1.9
45°	0.4	1.2	3.5	1.2	0.4
47.5°	0.0	0.0	1.5	0.4	0.0
50°	0.0	0.0	0.4	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: P1317720

CATALOG NUMBER: P3SQAS05R359835DE010 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)