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<!-- illuminance.html -->
<!-- lightly modified by Josh Andrews -->
<html>
<head>
<meta name="viewport" content="width=device-width, initial-scale=1">
<META http-equiv="refresh" content="300">
<script type="text/javascript" src="moment-with-locales.js"></script>
<script type="text/javascript" src="Chart.min.js"></script>
<script type="text/javascript" src="jquery.min.js"></script>
<style>
#myChart {
    background-color: #000000;
}
</style>
</head>
<body bgcolor="black">
<canvas id="myChart" width="1100" height="900"></canvas>
<script>
function plot(results) {
var sum1=0;

var len=30;
if (results["data1"].length<30) {
    len=results["data1"].length;
}
for (var j=0;j<len;j++) {
    sum1=sum1+results["data1"][j].y;
}
for (var i=0; i<results["data1"].length-30; i++) {
    var current1=results["data1"][i].y;
    results["data1"][i].y=sum1/30;
    sum1=sum1-current1+results["data1"][i+len].y;
}
for (var i=results["data1"].length-30; i<results["data1"].length; i++) {
    var current1=results["data1"][i].y;
    var len=results["data1"].length-i;
    results["data1"][i].y=sum1/len;
    sum1=sum1-current1;
}

var ctx = document.getElementById("myChart").getContext('2d');
Chart.defaults.global.defaultFontSize = 16;
Chart.defaults.global.defaultFontColor = "#FFFFFFF";
var myChart = new Chart(ctx, {
    type: 'line',
    data: {
        datasets: [{
            label: "Illuminance",
            lineTension: 0,
            pointRadius: 0,
            borderColor: "green",    //changed color
            borderWidth: 2,
            cubicInterpolationMode: "monotone",
            data: results["data1"],
            fill: false
        }],
    },
    options: {
        responsive: false,
        responsiveAnimationDuration:0,
        animation: {
            duration: 0,
        },
        hover: {
            animationDuration: 400,
        },
    },
    scales: {
        xAxes: [{

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        type: "time",
        display: true,
        scaleLabel: {
            display: true,
            labelString: "Time",
        },
        gridLines: {
            color: "rgba(255, 0, 0, 255)",
            borderDash: [4, 8],
        },
    },
    yAxes: [{
        display: true,
        scaleLabel: {
            display: true,
            labelString: "Illuminance, Lux",
        },
        gridLines: {
            zeroLineColor: "rgba(255, 0, 0, 255)",
            zeroLineBorderDash: [4, 8],
            color: "rgba(255, 0, 0, 255)",
            borderDash: [4, 8],
        },
    }],
    legend: {
        display: false,
        position: "bottom",
        labels: {
            boxWidth: 2,
        },
    },
    title: {
        display: true,
        fontSize: 30, //changed font size
        text: "Illuminance",
    }
}
});

ctx.font = "14px Arial";
ctx.fillStyle = "white";
var d = new Date();
ctx.fillText(d.toLocaleString(), 490, 75);

ctx.fillText("Illuminance: " + results["data1"][results["data1"].length-1].y.toFixed(1), 100, 75);
ctx.beginPath();
ctx.strokeStyle="green"; //changed the color
ctx.moveTo(85, 70);
ctx.lineTo(95, 70);
ctx.stroke();

}
var jsondata= $.ajax({url:'illum.php', dataType: 'json', }).done(function (results) { plot(
results); } );
</script>
</body>
</html>

```