

Data Logging

The ability to easily maintain and track product can be a crucial benefit. If even a small glimpse into the behavior of a product during its operation leading up to when it fails, wouldn't that be beneficial? To be able to see under what type of strenuous environment or operation it was being operated at would be useful information.

When it comes to heat it is the LED's worst enemy. Similarly, with LED drivers heat can quickly cut short the life span significantly if operated above ideal temperatures.

The Data Logging feature gathers certain information during the life-span/operation of the driver. The Fulham SmartSet software along with the TPSB-100 handheld programmer allows for this information to be read directly from the unit. This makes it possible for the information to be easily displayed through the software to be viewed in real time.

Fulham SmartSet Software Installation Instructions:

<https://cdn.fulham.com/PDFs/SpecSheets/Fulham-SmartSet-Software-Installation-Instructions.pdf>

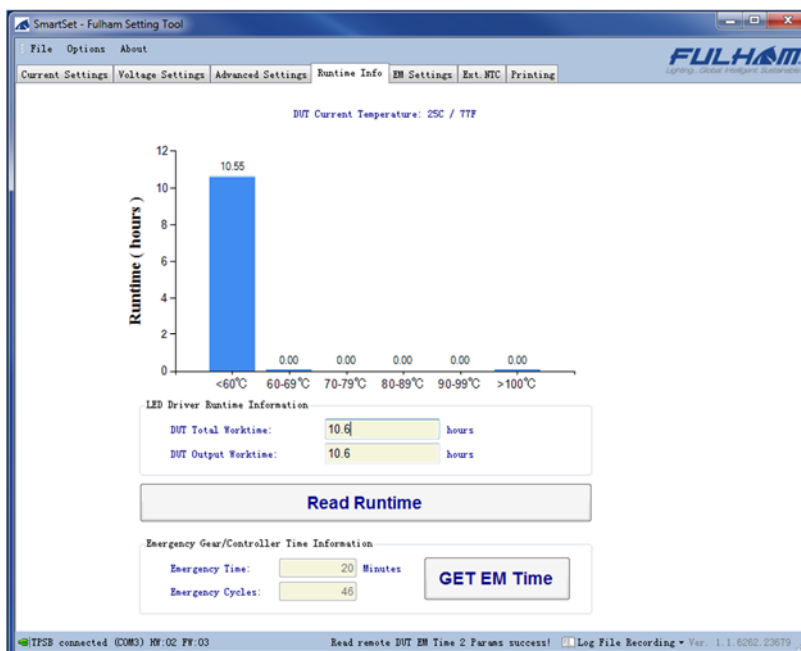
Fulham TPSB-100 Handheld Programmer Spec Sheet:

<https://cdn.fulham.com/PDFs/SpecSheets/TPSB-100-2015-1076.pdf>

A crucial piece of information that is gathered is the devices operating temperature (°C) in terms of runtime (Hours). The information is displayed on a graph that makes it easy to read. It displays the number of hours operated for the set range temperature as well as the devices current temperature. It also displays the total worktime and output worktime.

For emergency products it gives the ability to read information of actual time (in terms of minutes) in emergency as well as quantity of emergency cycles it has entered.

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Pictured is the “Runtime Info” tab found in the Fulham SmartSet PC software.

This feature can be extremely helpful when diagnosing causes of early end-of-life on LED drivers and other related products, some of which could potentially have been caused due to operating in extreme heat conditions. This helps minimize warranty claim turnaround times and quickly provide feedback to the customer.

For further information on all Fulham product or Fulham SmartSet software please visit our website at www.fulham.com.