SPECIFICATION SHEET: TPSB-100
This Is An Original Product From Fulham Co., Inc

Description: This product is a tool for programming the parameters of LED drivers. Such as the Current, Voltage, Dimming Curve, LED Groups, Terminal Resistor, Lowest Dimming Percentage.

ELECTRICAL DATA

Input Characteristic		
Input Voltage	5V	MINI-USB
Input Voltage Range(%)	+.25/-.55	
Maximum Input Current(A)	200mA	
Setting Interface Supported		
PROG/RSET	Yes	
DALI	Yes	
DMX	（Limited Features）	
Setting parameters	Current, Voltage, Address, Dimming Curve, LED Groups, Terminal Resistor, Lowest Dimming Percentage, SNID .etc	
Reading parameters	Current, Voltage, DALI Address, Dimming Curve, LED Groups, Lowest Dimming Percentage, Total Runtime, Driver Type, SNID .etc	
Interface Characteristics		
Communication Bus Power Output		
Max Current(A)	0.05	
Output Max Voltage(V)	13	
Communication Signal Rating		
LED Driver Pogramming/DMX		
Input High(V)	>8	
Input Low(V)	<1	
Output High(V)	>8	
Output Low(V)	<1	
DALI		
Input High(V)	>9 and <15	
Input Low(V)	<6 and >-6	
Output High(V)	>9	
Output Low(V)	<6	
Communication Baud Rate(bps)		
LED Driver Pogramming/DMX	19200bps	
DALI	1200bps	
Hot Plug	Yes	
No Load Open Voltage on Port	Max Voltage 13V	

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Humen Operator Interface		
Display		
Text Digit Display	4 digits Blue LED Display	alphanumeric
Pilot Lamp	5 Blue LEDs	power,mA,V,ADR,%
Buttons		
Buttons	4pcs(M,+,-,Read)	to adjust parameter value,and read parameter of the current driver
	1pc(Program)	to program driver
Sound		
Buzzer	Yes	for notifications
Environmental Requirements		
Max. Ambient Temperature(ºc)	50	
Humidity(%)	5-95	
RoHS	Yes	
Maintainability and Reliability		
Product Life	50000Hrs	
Warranty	5 years	
Additional Info：		
LED		Example
Power:	Light on means power on	
mA:	Light on means setting current	maximum output current
V:	Light on means setting voltage	maximum output voltage
ADR:	Light on means setting address	DALI Address
%:	Light on means setting min-dim percentage	minimum percentage of the dimming current
BUTTON		
Program:	Manually programing/Optional of manually and automatically programming with long 1second pressing	
Read:	Read the parameters of the current driver	
M:	Setting the parameters/save the parameters with long pressing	

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MECHANICAL DATA

2.76" (70.0mm)   0.79" (20.0mm)

4.33" (110.0mm)

USB
Power mA   v   ADR   DMX/DA/PR

Reset Program
M
- +
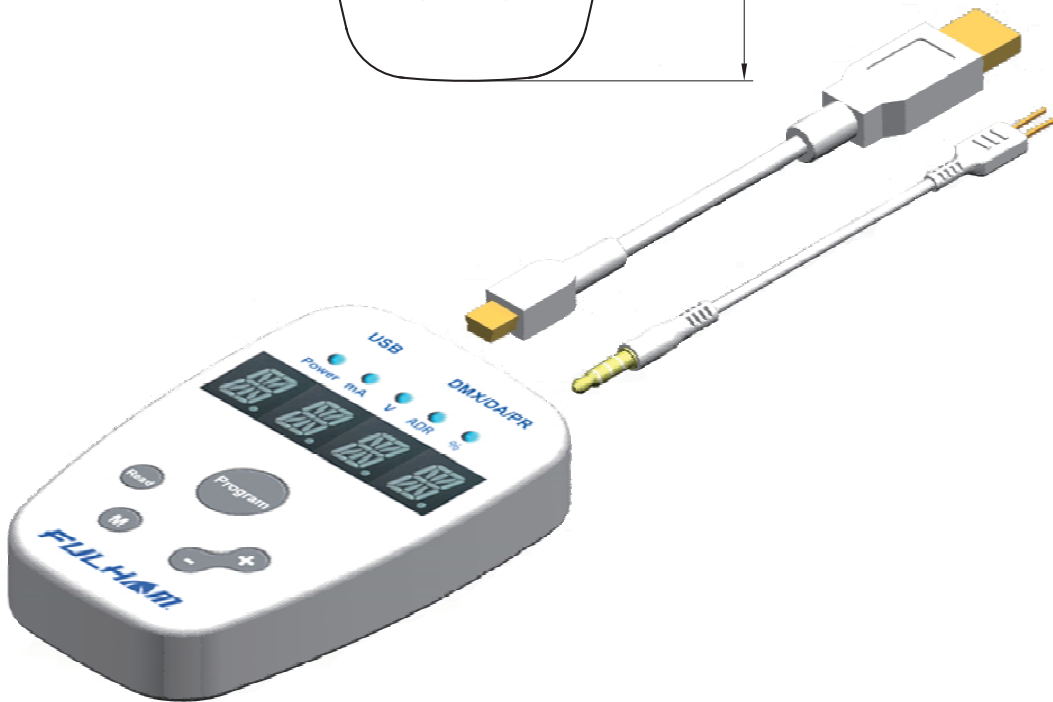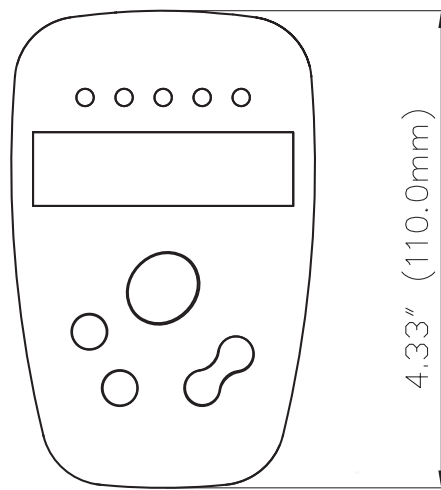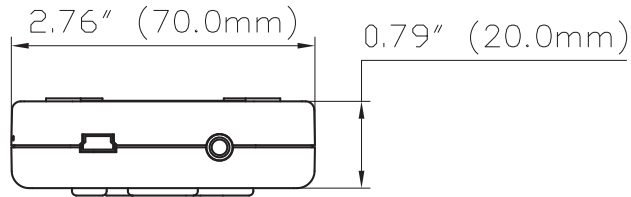
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Where : L = Length, W = Width, H = Height, Tolerance=±0.02"