

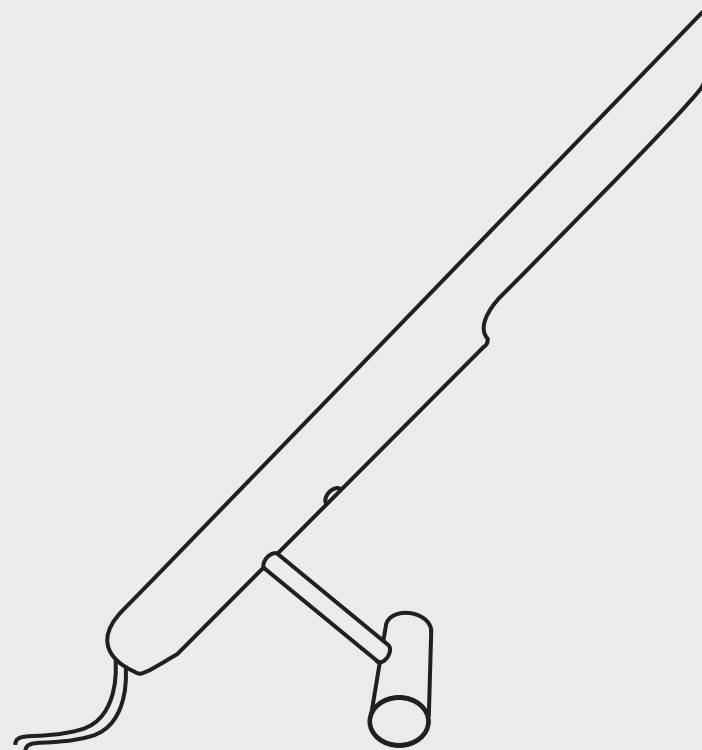
**D** OpenDesign  
**REN**

designer Wu Jianzhan

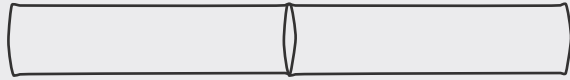
product Lamp

update 2016/11/26

Guangdong University of Technology  
Opendedesign Workshop



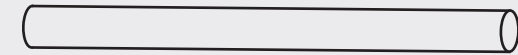
# MATERIALS



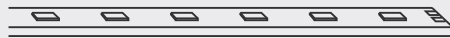
**Bamboo**  
Φ35~37x450



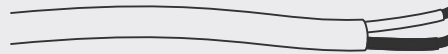
**Bamboo**  
Φ25x120



**Round wooden sticks**  
Φ10mmx130



**LED Strip**  
200x1piece  
12V , hard



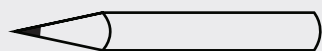
**Cable**  
>5000mm 2A



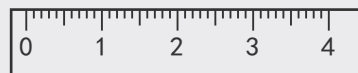
**Transformer**  
from 220V to 12V



# TOOLS



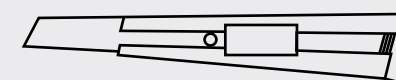
Pencil



ruler



Compasses



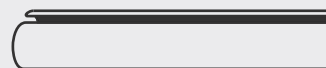
Knife



Saw



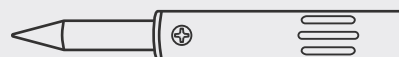
File



Sandpaper



Electrodrill  
 $\Phi=10$

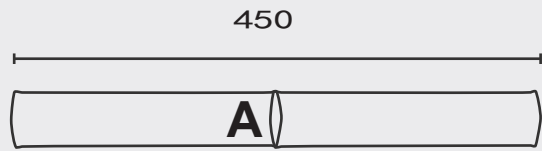


Electric iron

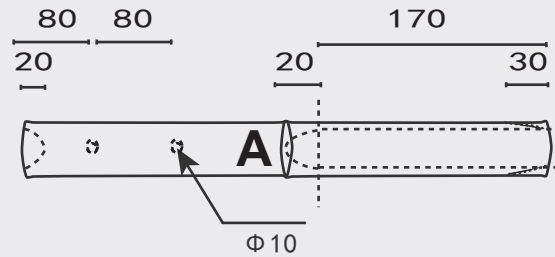
& Tin solder



# MANUFACTURE



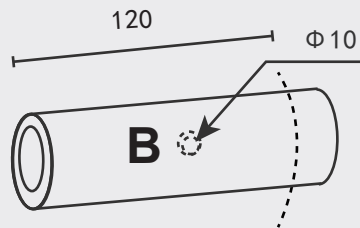
1. bamboo  $\Phi=35\sim37\times450$



2. cutting and 1/3 bamboo  
With a 10 mm drill holes



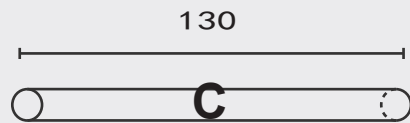
3. With sandpaper



1. bamboo  $\Phi=25\times130$



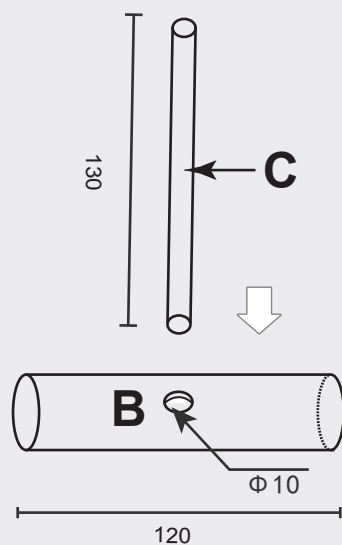
2. With sandpaper



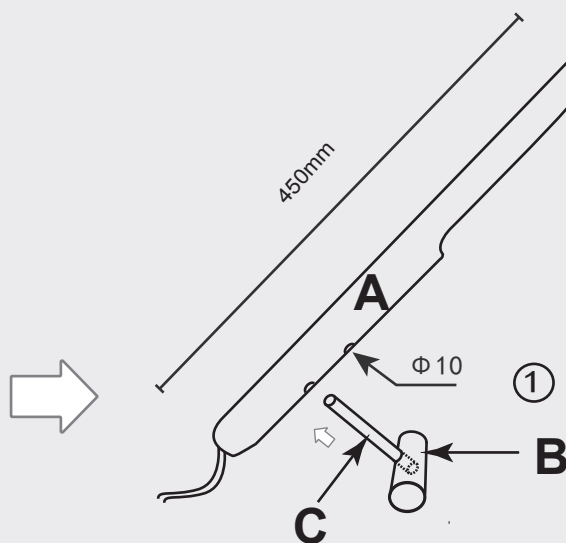
1. Round stick  $\Phi=10\times130$



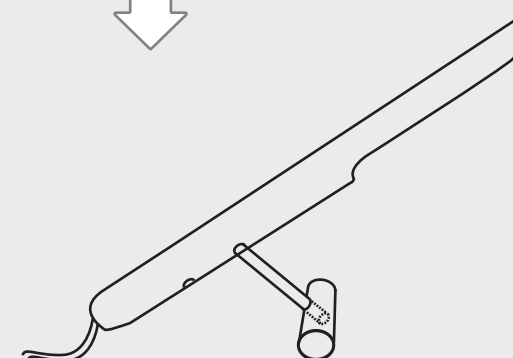
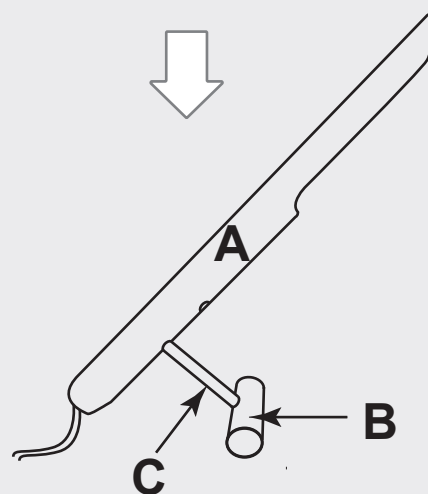
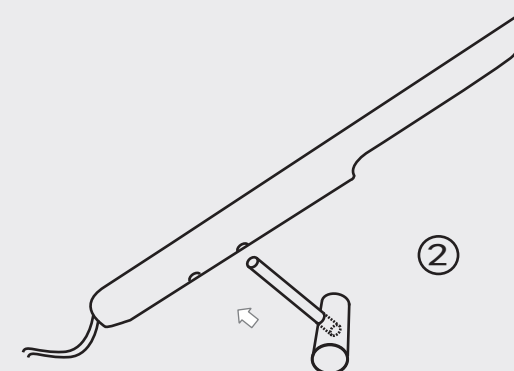
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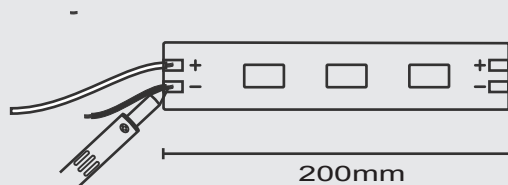
1. Insert the round sticks on the holes



2. The holes to insert again



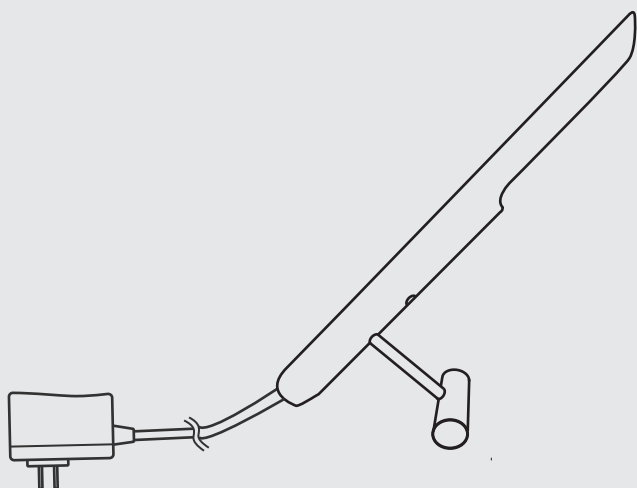
# MANUFACTURE



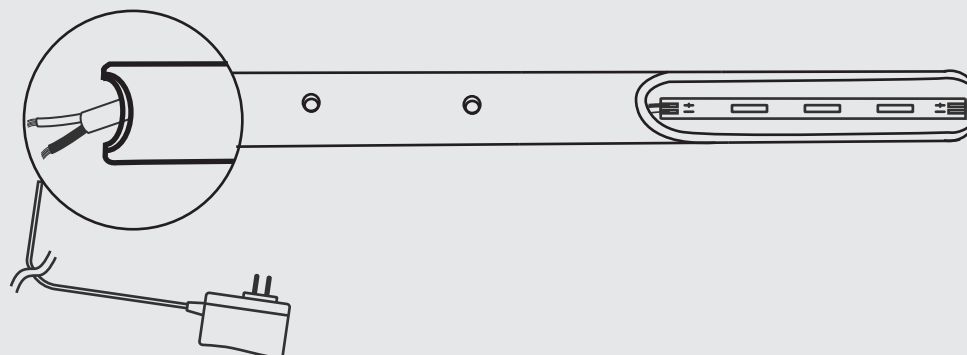
1. Use scissors to cut out the  $d = 200$  mm LED  
weld the LED strip



2. through a bamboo tube pull the wires



4. LED install completed



3. With glue stick to the above position

