



OpenDesign

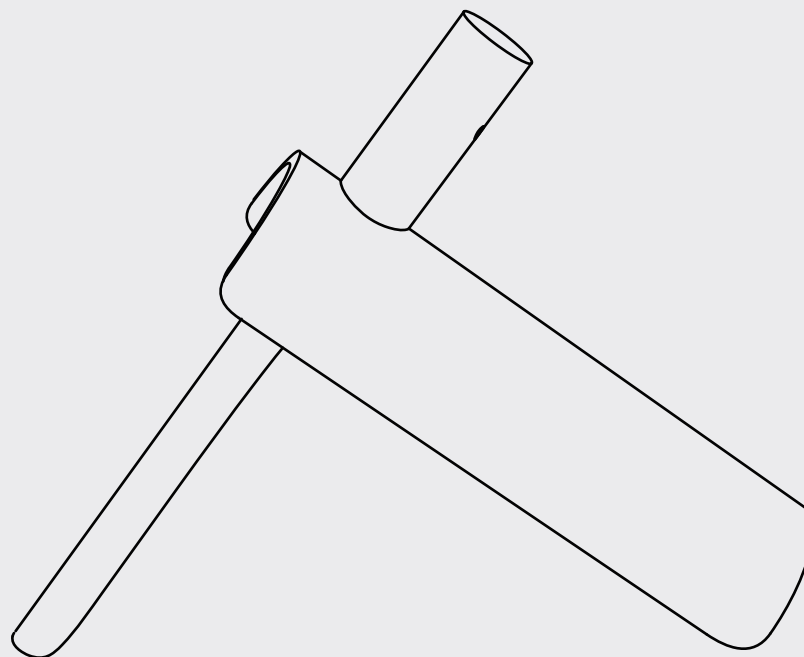
# Sword 4

designer Ma Lizhan

product DESK LAMP

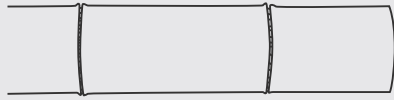
update 2016/11/26

Guangdong University of Technology  
Opendesign Workshop



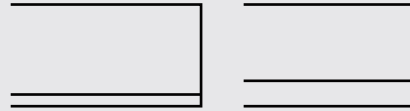
# MATERIALS:

length unit : mm



Bamboo

Φ120~130x250



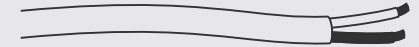
Plybamboo

d=18



LED Strip

200  
12V , hard



Cable

>5000



Wire

Φ1.5x2000

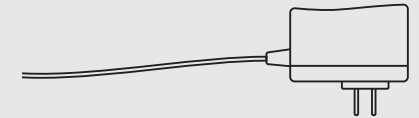


Bamboo

Φ20~30x380



Cable protect coil



Transformer

2A  
from 220V to 12V

# TOOLS:



Electrodrill

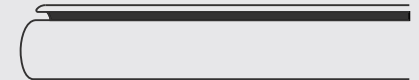
Φ10



Axe



glue



Sandpaper



Electric iron

& Tin solder



Saw



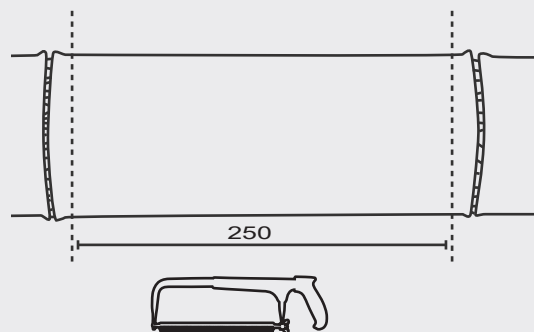
File



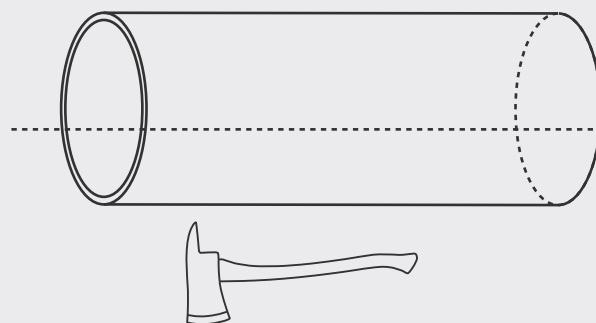
# MANUFACTURE

length unit : mm

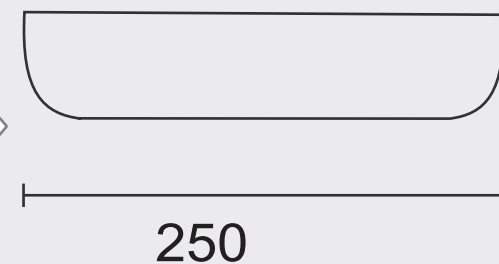
**A**



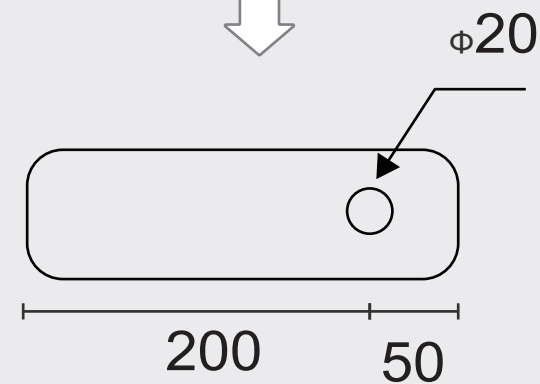
cut the bamboo



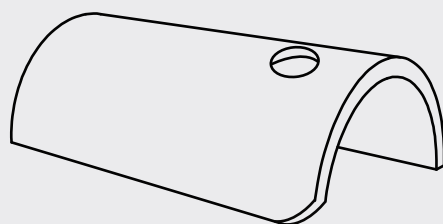
cut the bamboo into a half and polish



sand the corners



Drill a ( $\Phi 20$ ) hole



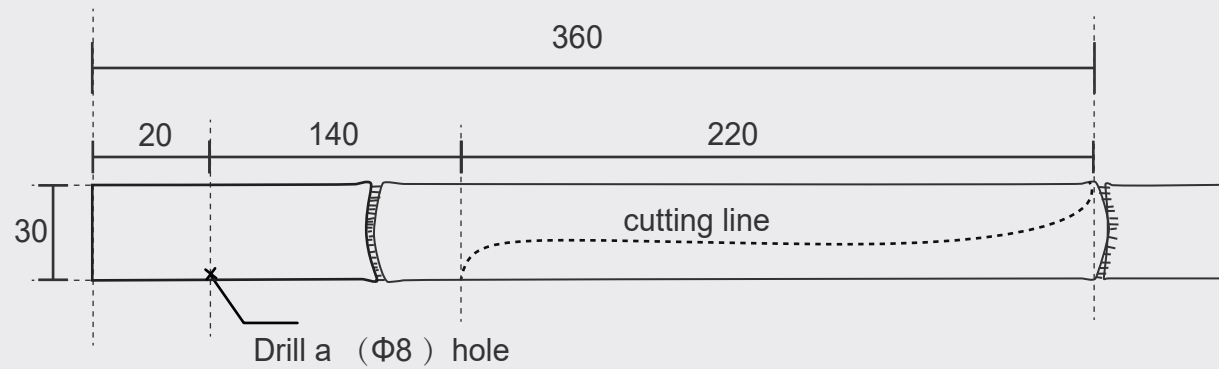
MAIN BODY COMPLETED



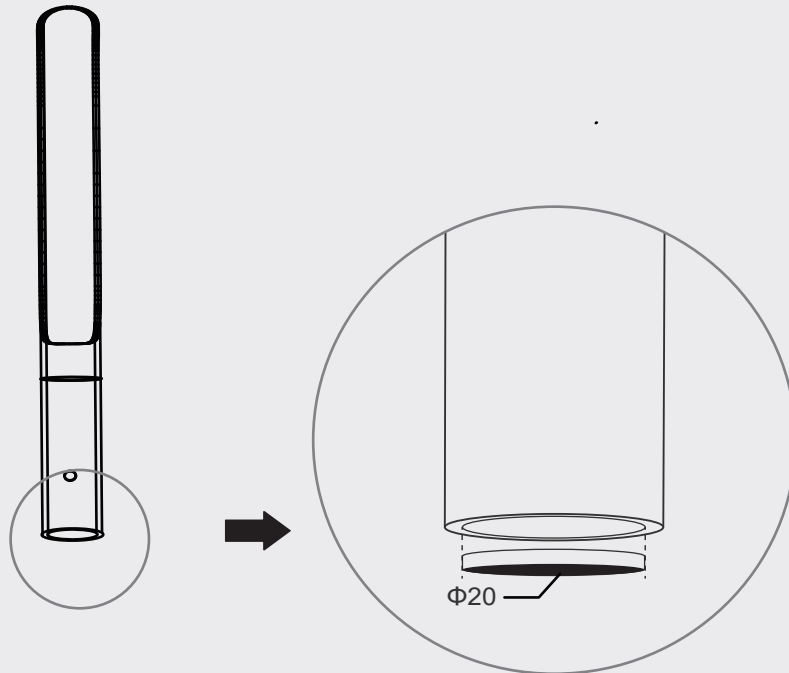
# MANUFACTURE

length unit : mm

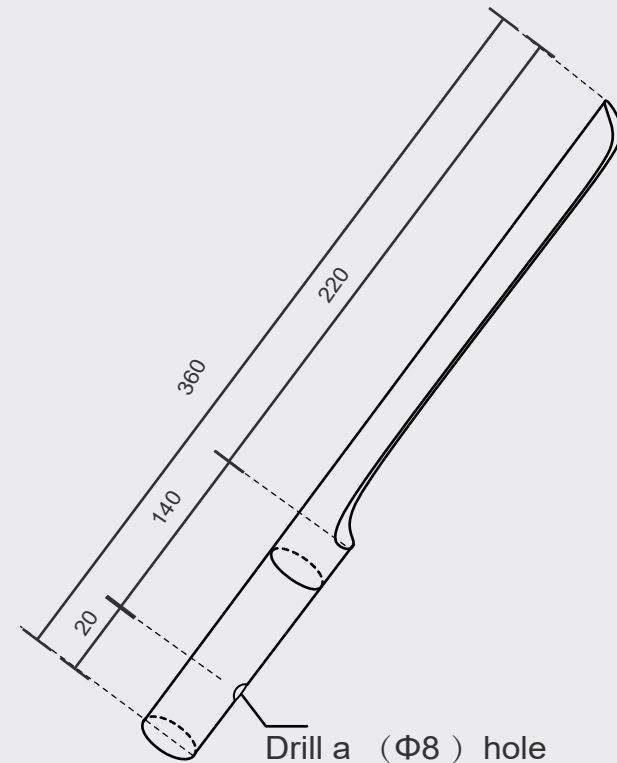
**B**



Cut the bamboo



Cover with a piece of round wood

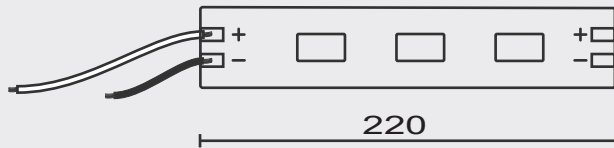


LED HOLDER COMPLETED



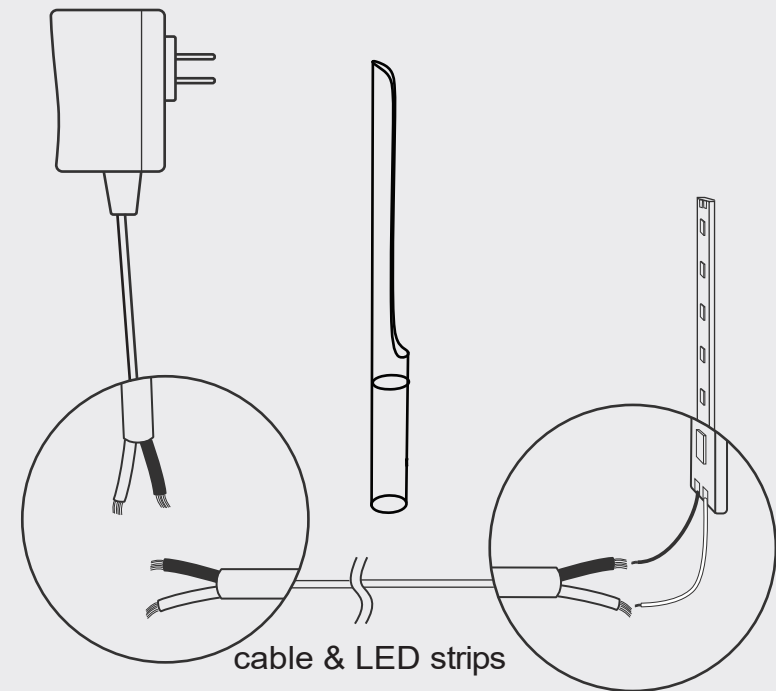
# MANUFACTURE:

length unit : mm



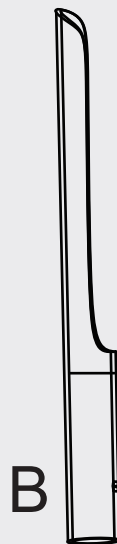
weld the LED strip

BE CAREFUL!!!  
DO NOT HEAT YOURSELF BY  
THE ELECTRIC IRON



cable & LED strips  
connect the transformer,

connect the cable in same color together

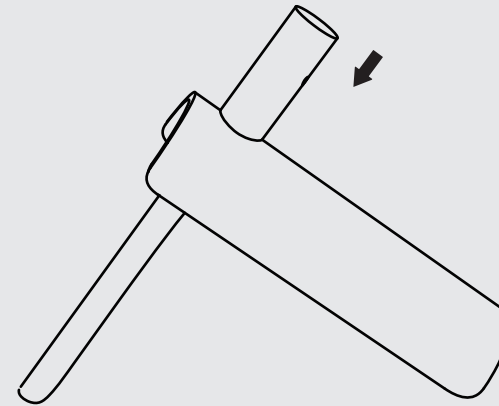
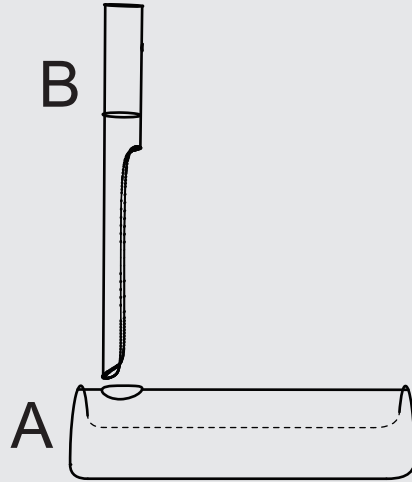


LED INSTALL COMPLETED

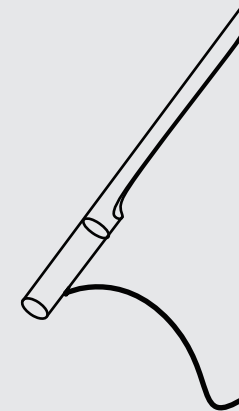
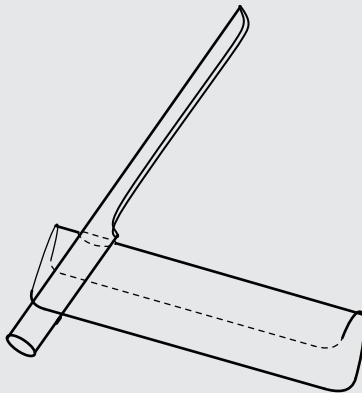


# MANUFACTURE:

length unit : mm



According to the use of Angle adjustment



Can be used alone

