

LIGHT GUIDE FILM

World mate

伍美實業股份有限公司

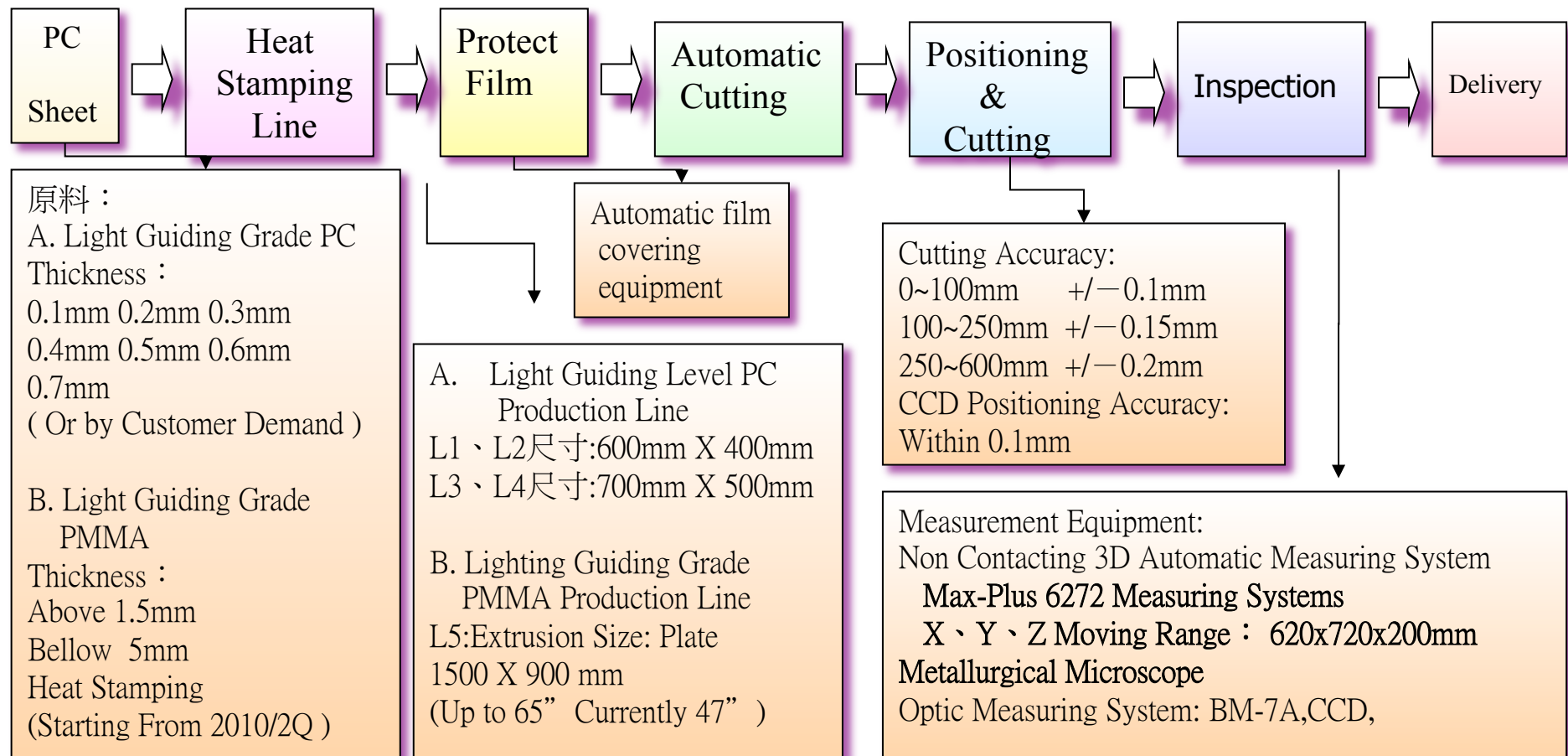
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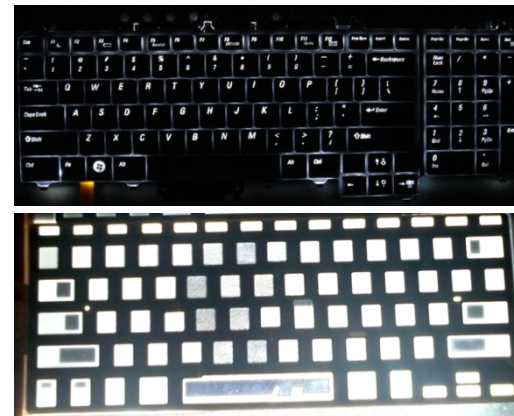
● Introduction of manufacturing procedure / 製程介紹

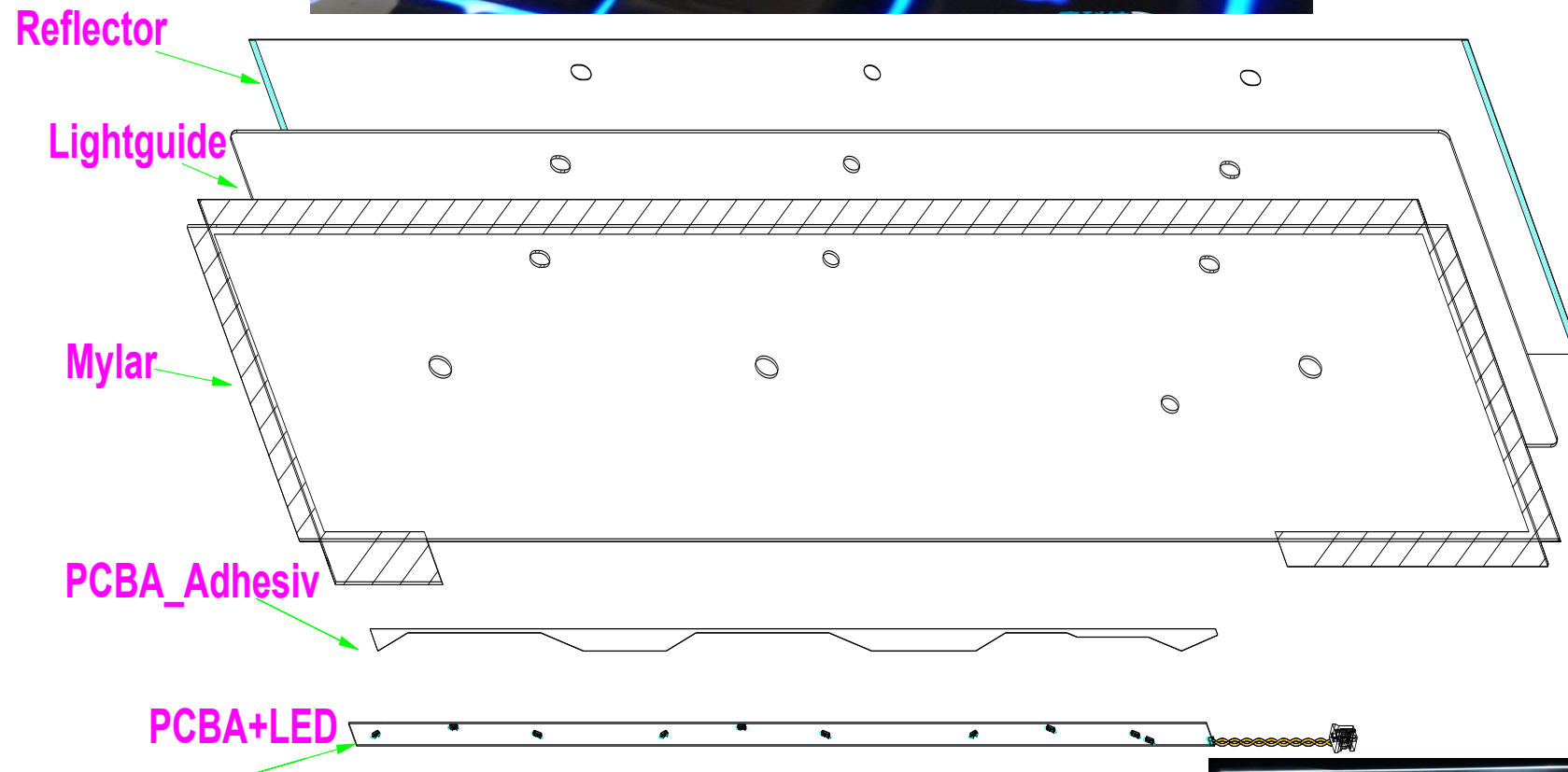
Heat Stamping Process



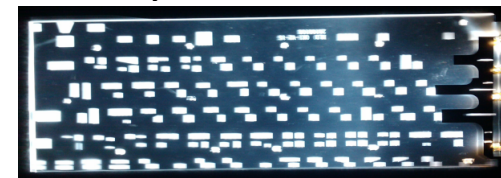
● Introduction of Product / 產品介紹

- Product Model : KGO13301
- Product Name : **LGF Keyboard**
- Product Introduction :
- Our Keyboard LGF is mainly made of 0.25mm polycarbonate (PC).
- By using heat stamping process, we can duplicate micro structure on PC surface.
- Then utilizing LED side backlight module technology to producing even and bright backlight.
- Advantage: 1. Slimmer LGF to only 0.1mm 2. Fewer LED requirement
- 3. Lower Power Consumption 4. More Even Backlight
- Application: 1. Keyboard LGF 2.Cell Phone LGF 3.Monitor LGF
- 4. Monitor side bar 5.Lighting LGF 6. Others





Light guide Film is our main product.
If necessary, we can also supply other accessory.



• Application of Product / 產品應用

SVGA
(800×600)

VGA
(640×480)

480×234

320×240

High Resolution

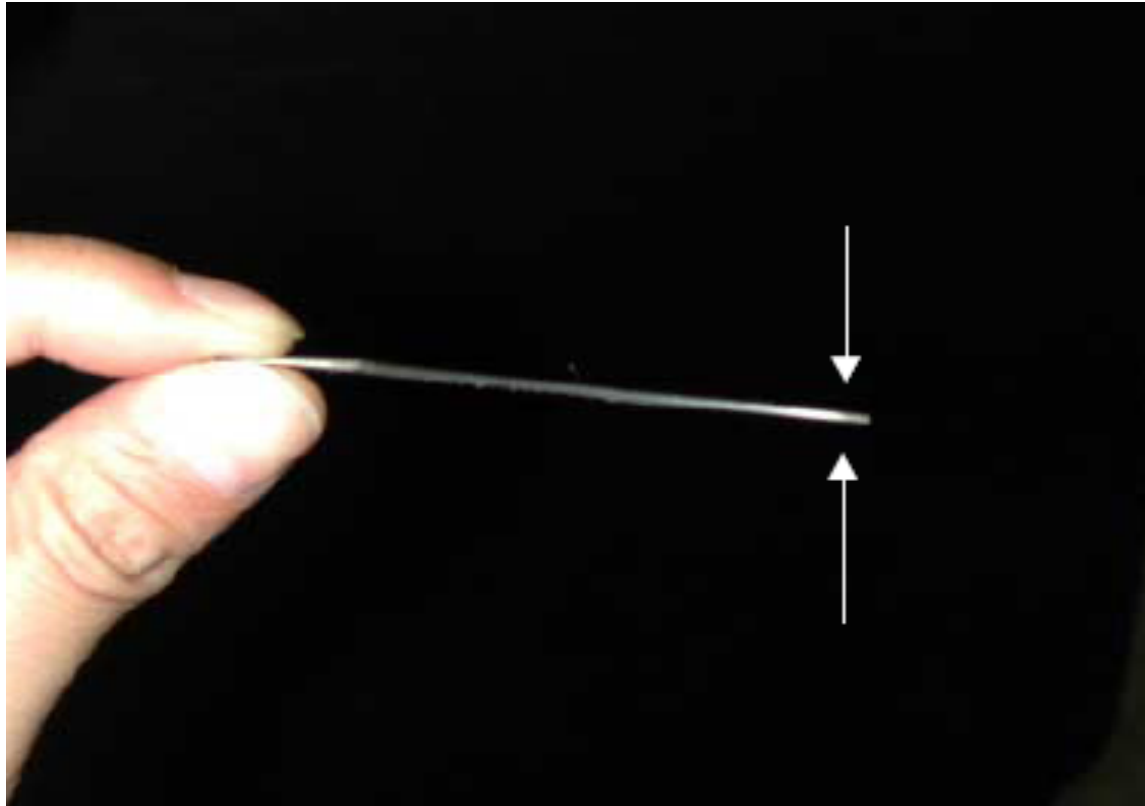


1.8" 2" 2.5" 4" 5" 6.4" 7.7" 8.8" Size

- Application of Product / 產品應用



● *Super Slim LGF* / 超薄導光膜應用



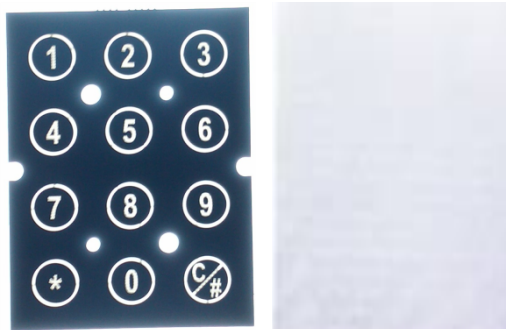
LGF:0.1mm

Slimmer! Reducing Material, Environment Friendly!

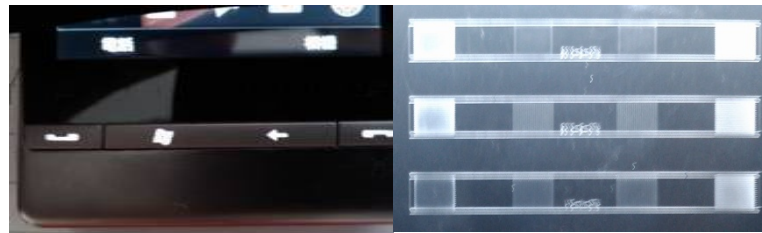
- Application of Product / 產品應用

KEYBOARD APPLICATION

Light Guiding PC Film



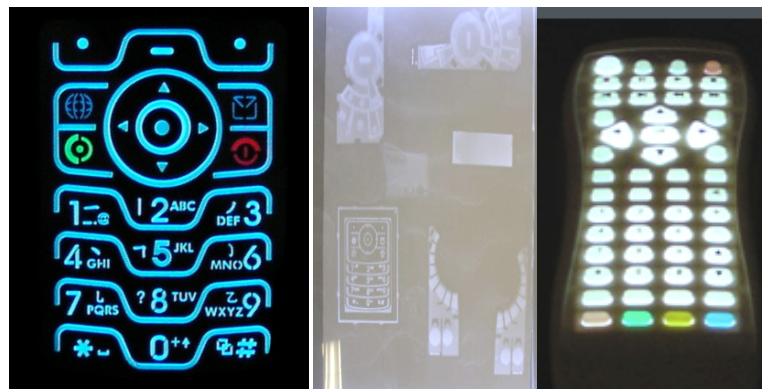
LGF:0.3mm



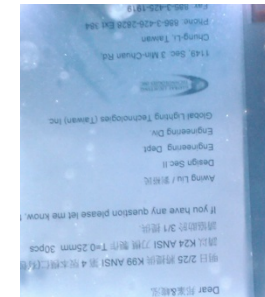
LGF:0.35mm



LGF:0.1mm



LGF:0.25mm



LGF:0.3mm

E-PAPER

Front Light Plate

Producing

Compound Material:

PC+PMMA



LGF:0.35mm

- Application of Product / 產品應用

LOGO APPLICATION



Car accessory
0.6mm-LGP

Business
LOGO-3mm-LGP

Different LGP
types

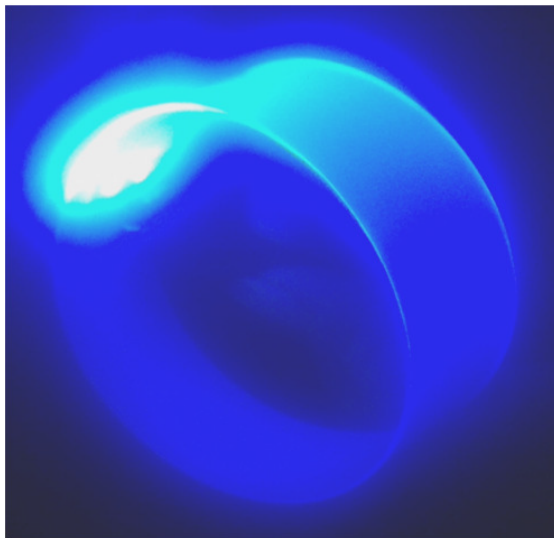
- Application of Product / 產品應用

Light Guide Film APPLICATION

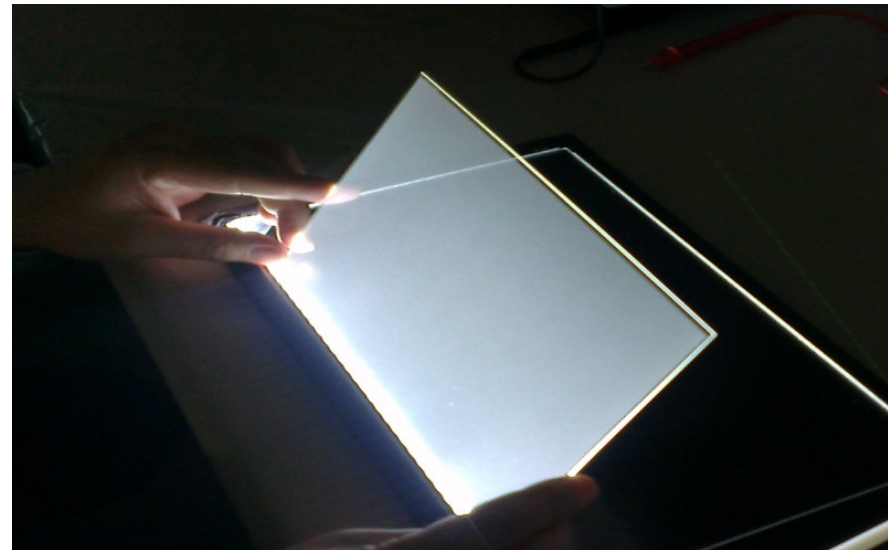


LGF:0.4mm--多層貼合
+OCA+反射片+雙面膠)

(OCA+LGF

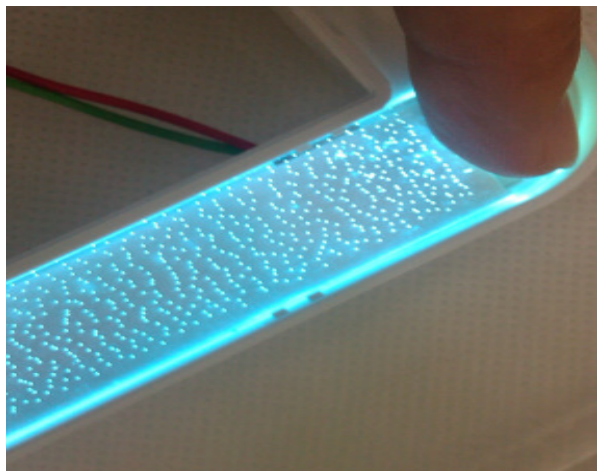


LGF:0.55mm—繞曲LGF+多層貼合

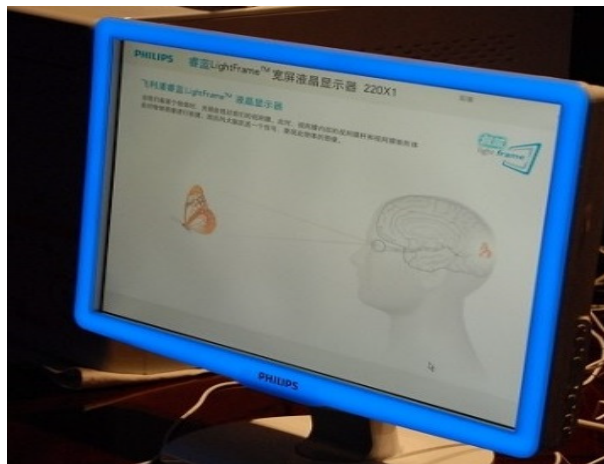


Display LGF:0.30-0.55mm(4"-15.6")

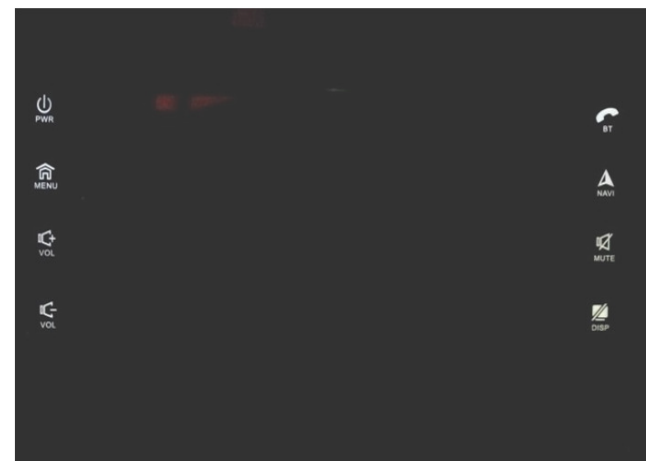
● Application of Product / 產品應用



導光邊框
LGP:0.5mm



21.5" MNT
LGP:0.8mm



汽車音響
LGP:0.55mm



LED照明用
LGP:3mm (600mm x600mm)





***Thank you for your
kind attention !!***