

(19)
(12)

(KR)
(A)

(51) 。 Int. Cl. ⁷ H05B 33/10		(11) (43)	10-2004-0035439 2004 04 29
(21)	10-2002-0064584		
(22)	2002 10 22		
(71)		20	
(72)		299-24	
(74)			
	:		
(54)	-		

- EL (miss)

,

-

,

-

,

-

RGB EL

(encapsulation)

.

7

- , , EL,

- 1 - EL
- 2 -
- 3 2
- 4 -

5

6

가

7

-

8 (a)(b)(c)

9

10

-

11 (a)(b)

12

-

*

10 : 20 :

30 : 40 : EL

41 : 42 :

43 : 50 : -

51 : 52 :

60 : 61 :

62 : 70 :

71 : 80 :

90 :

-

,

-

EL

LCD(Liquid Crystal Display)

가

CRT(Cathode Ray Tube)

PDP(Plasma Display Panel), VFD(Visua

I Fluorescent Display), FED(Field Emission Display), LED(Light Emitting Diode), EL(Electroluminescence)

가

가 EL , 15V

가

EL 2

RGB

가 (align)

EL

1 EL

1 (50) (align) (50)

(41), (42) (43)

(41), (42) (43) (30))

2 (70) 3 (70)

가

3 (70) (50) (70) (50) (70) (scratch)가

(70) (50) 가

가

(miss) EL

RGB (encapsul

EL ation)

가

(magnet plate)

(scratch) (pin)
 EL
 4 5
 4 (52) (20) (51) (62)
 5 (62) (60)
 6 가
 (60) 5 (70) (62) (60)가
 9 (70) (62)
 (60)가
 7 (70) (50)가 (60)
 (62)
 8 (a)(b) (62) (70) (50)
 (70)
 8(c) (70) (magnet plate)(80)
 (70) (50)
 (50) (52) (70) (50)
 (62) (50) (62) (50)가
 (62) 2 (50) (52) (51)
 9
 9
 (62) (60) 10, 11(a)
 (70) (50)가 (60) (62)

(50)가 (60)가 (70) (70) , (sliding) (70) .

(62) (70) (50) (70) .

11(b) (70) (magnet plate)(80) (50) (70) .

12 - .

12 , - (90) .

(62) (90)가 .

0) , (70) - (50) (50) , (50) (50) (7) .

(43) EL (, ,)() (41), (42) .

RGB EL 가 4 (50) .

(Mg-Ag , Al) (20) (, ,) (encapsulation) .

가 .

atch)가 (scr

가

(57)

1.

- RGB EL ,
(encapsulation)

2.

1 , 가

3.

1 ,
(magnet plate)

4.

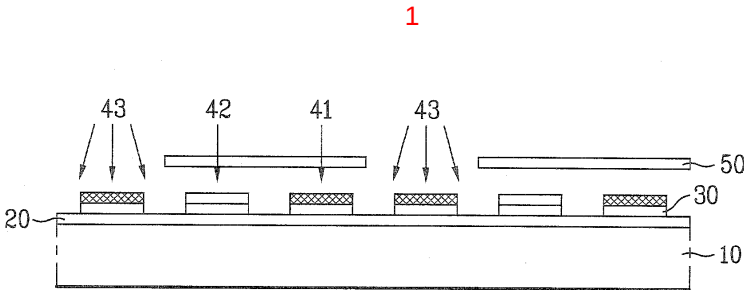
1 , 2

5.

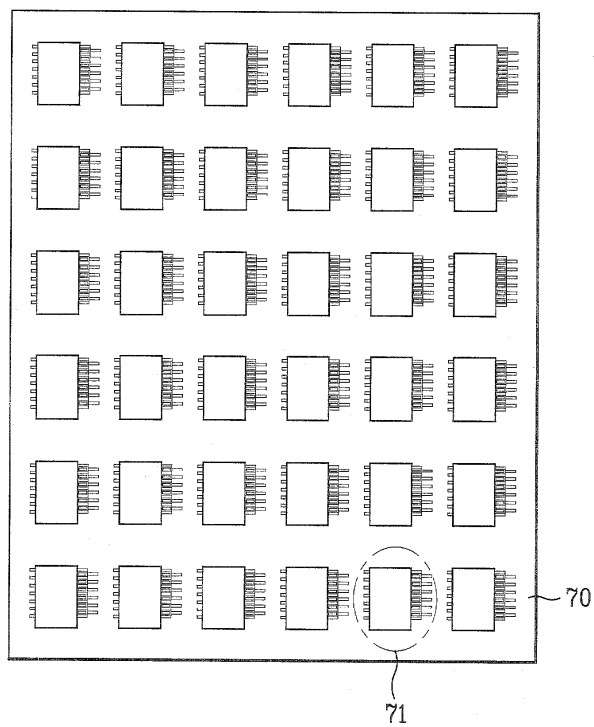
1 ,

6.

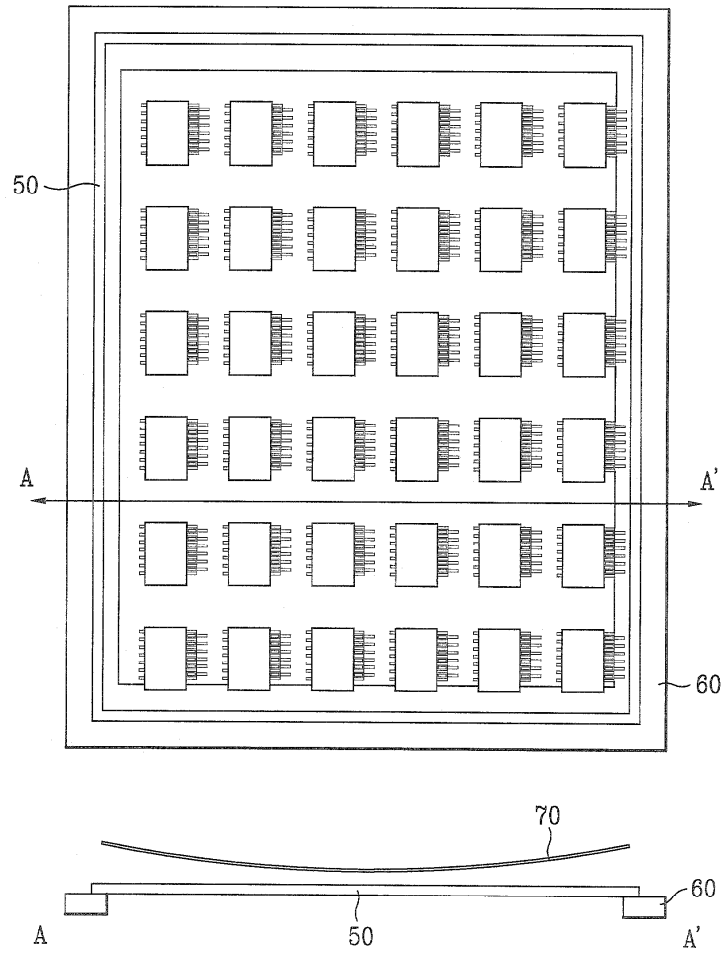
5 ,



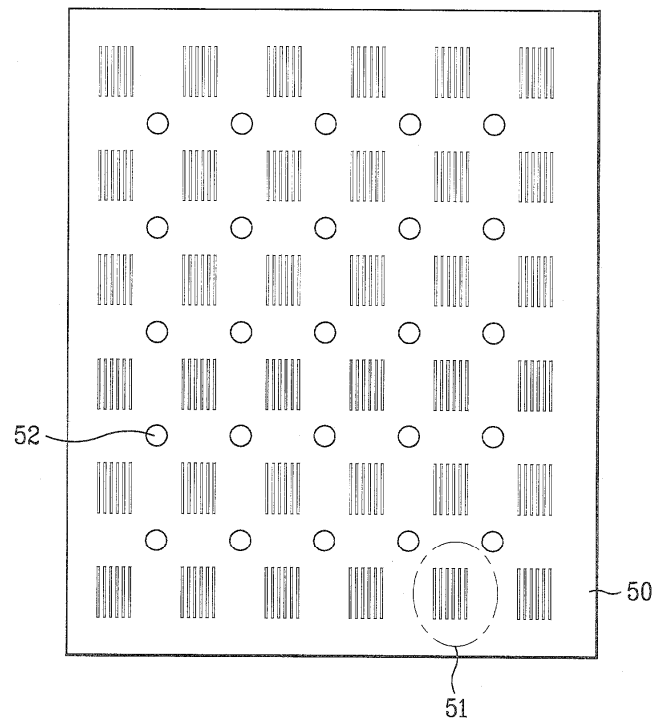
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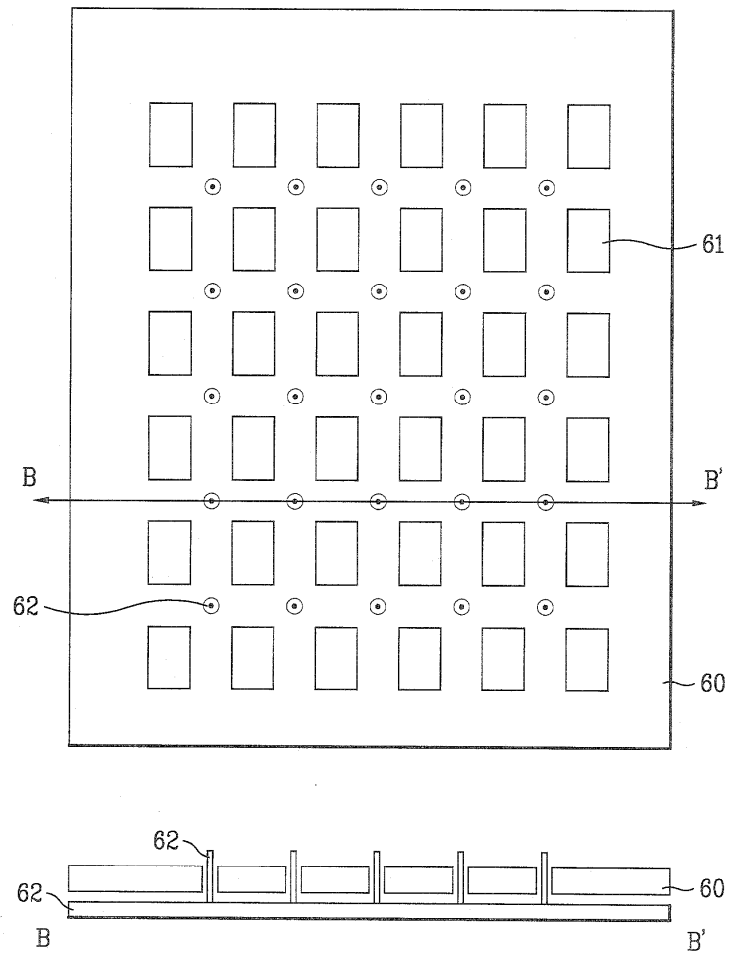
3



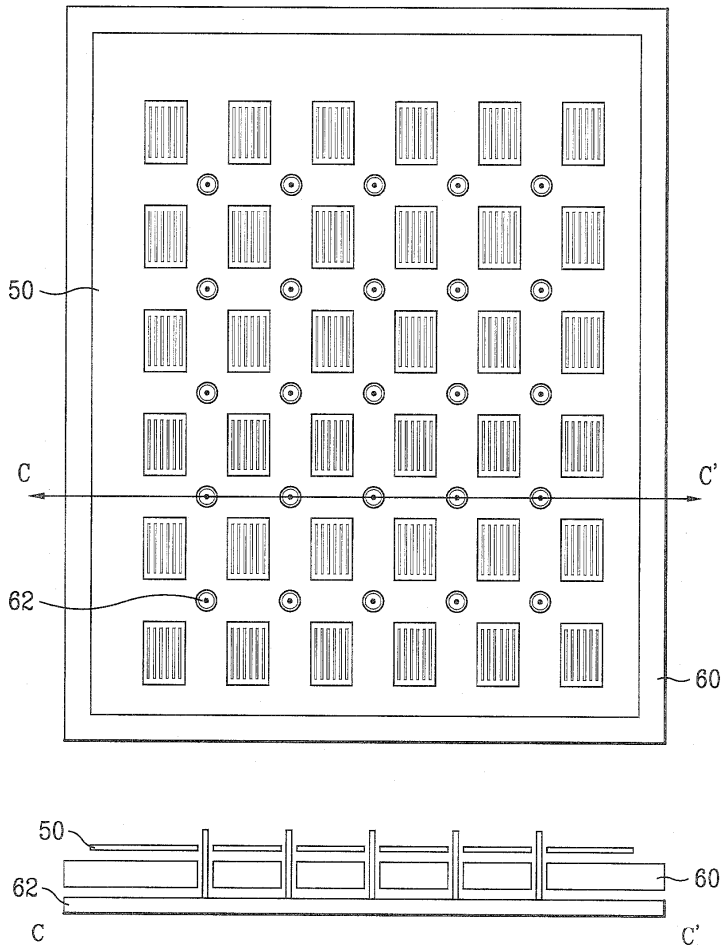
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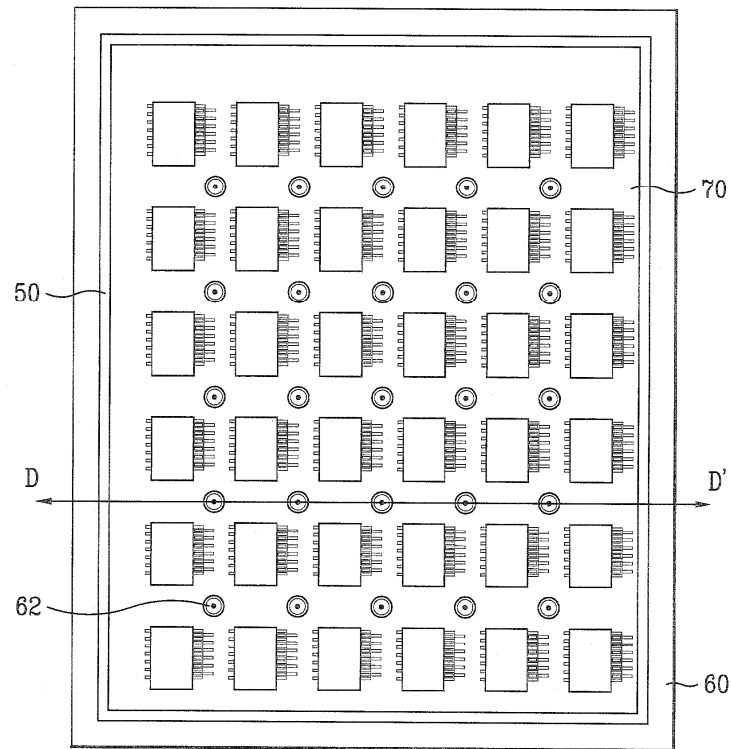
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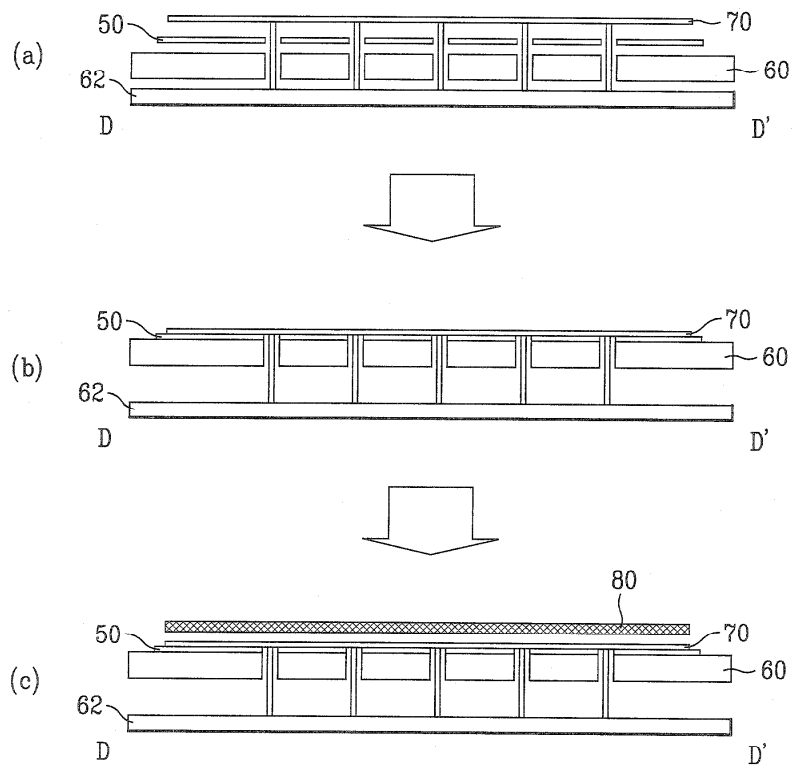
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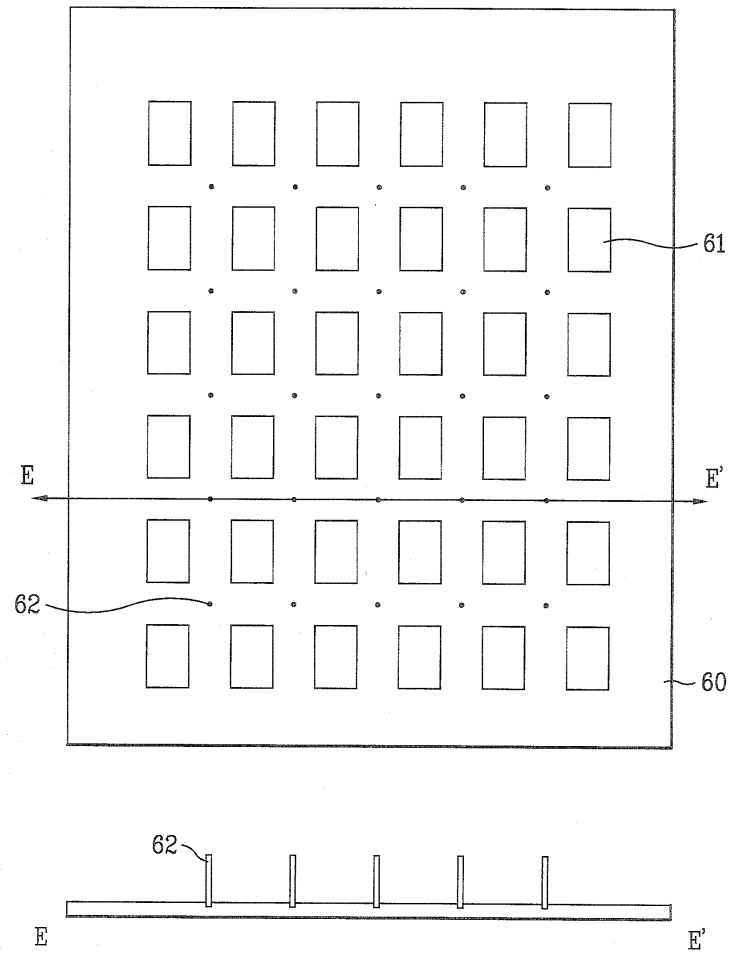
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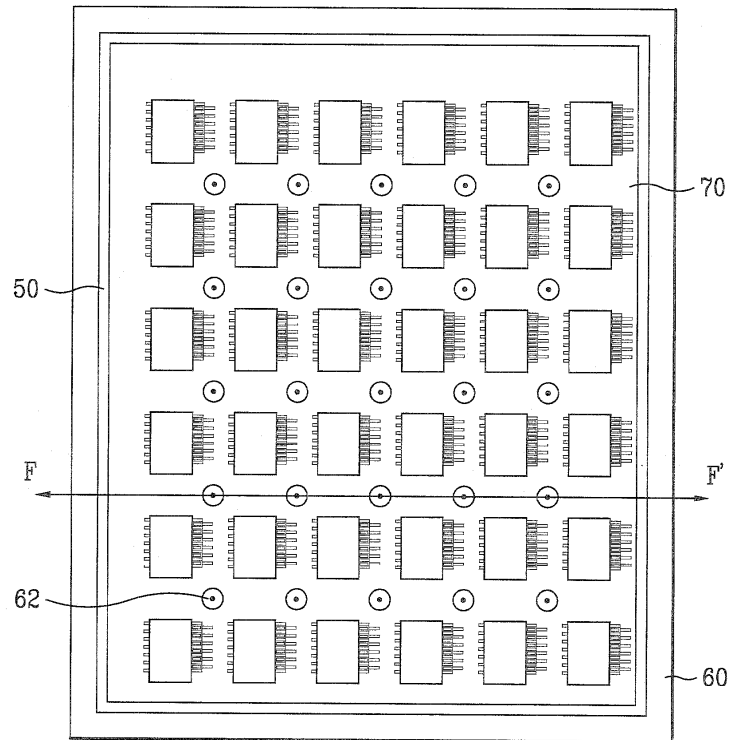
8



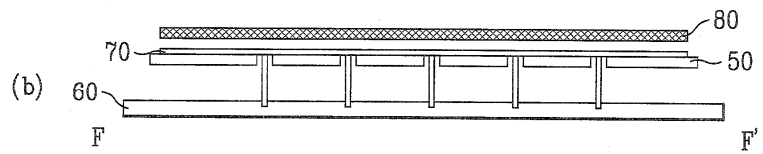
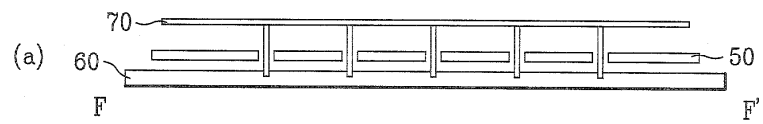
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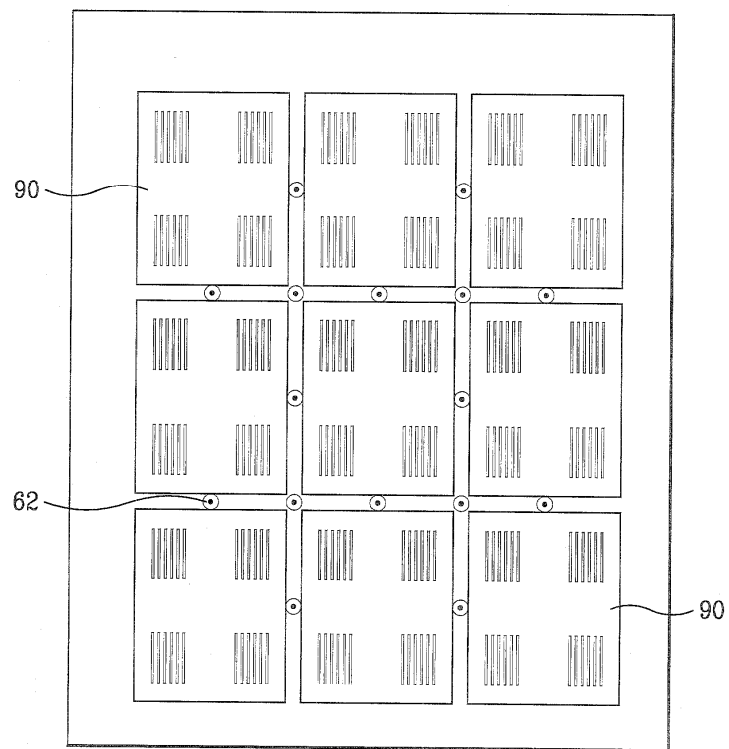
10



11



12



专利名称(译)	如何制作大面积全彩显示屏		
公开(公告)号	KR1020040035439A	公开(公告)日	2004-04-29
申请号	KR1020020064584	申请日	2002-10-22
申请(专利权)人(译)	LG电子公司		
当前申请(专利权)人(译)	LG电子公司		
[标]发明人	KIM CHANGNAM		
发明人	KIM,CHANGNAM		
IPC分类号	H05B33/10		
CPC分类号	H01L27/3211 H01L51/0011 H01L51/0012 H01L51/5237		
代理人(译)	金勇 新昌		
其他公开文献	KR100463532B1		
外部链接	Espacenet		

摘要(译)

本发明的目的在于提供一种荫罩，其能够防止大面积全色有机电致发光显示面板在制造过程中防止基板未对准而防止弯曲，以及多个孔，其中多个图案用于单元元件和引脚穿过掩模支架，其中在中心区域周围形成多个引脚，包括能够为所形成的全色配备阴影掩模的步骤，执行对准的步骤是平坦的，它接触对于引脚的端部，粘贴到大尺寸基板和全色的阴影掩模的步骤，连续形成RGB有机电子发光层的步骤以固定的间隔向侧面移动，执行步骤封装它先后形成。大面积游泳池 - 彩色面板，对齐，有机EL，荫罩。

