



**KCE**  
**Korea Coil Engineering co.,Ltd**  
 TEL:+ 82-2-974-7034 URL:www.coiltrans.com  
 FAX:+ 82-2-974-7345 Mail:kce@coiltrans.com

*KCE Technical Information*

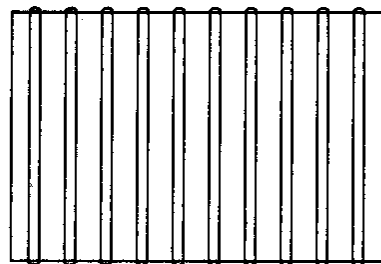
(長尺冷陰極)Lamp	VOL11
: 2003. 09 . 05 .	

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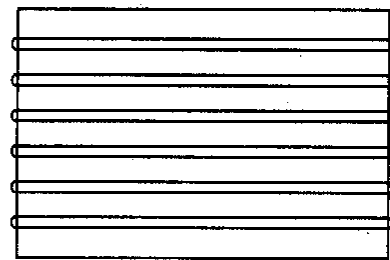
TV 가 가 2006 가 1,500 가 90% 가  
 TV 가 가 30 Line-Up 52~54 가  
 TV Back-Light Lamp  
 1. Lamp  
 Lamp  
 TV 가 Monitor 2 (450~550cd/m<sup>2</sup>)가  
 Note,Monitor 6 ~8  
 가  
 Edge Light 15 Monitor 2~4 Lamp  
 6 / Lamp가 , 40 Size 32 Lamp,Inverter가  
 Lamp Cost가

(圖1)

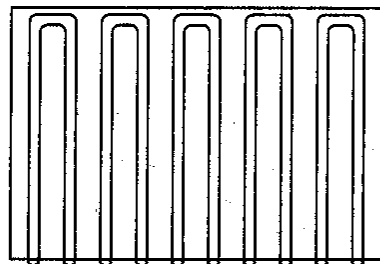
●☒ 직하(直下)형Back-Light Lamp배치예



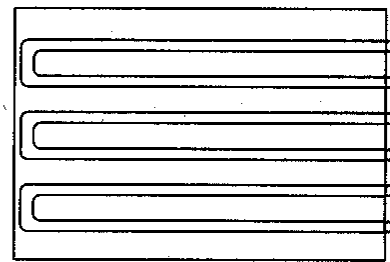
직관10등용



직관6등용



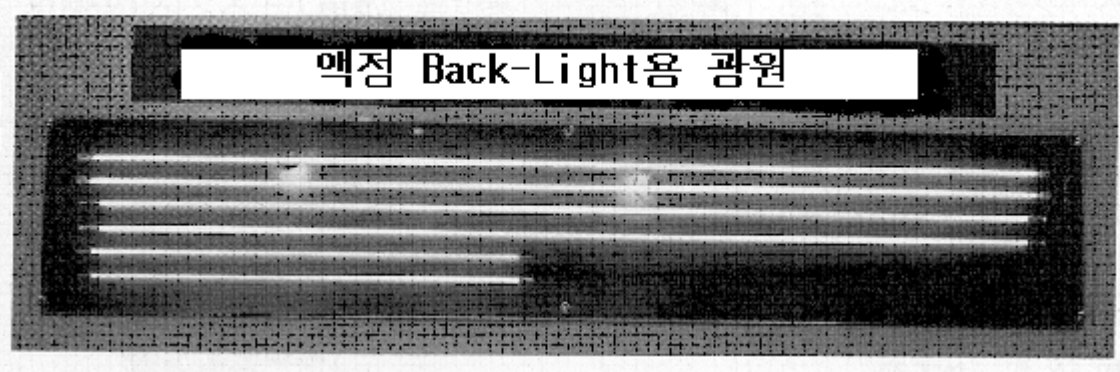
곡관 5등용



곡관3등용

Back\_light Lamp  
 30% U (曲管)Lamp Lamp 50%  
 Lamp, Inverter Cost Down , Lamp  
 (省電力), ( 100~120V). 가  
 Back-Light가 .  
 2. Lamp  
 52 Pannel Lamp Lamp 1,200mm  
 ( 2). Lamp 가 ,  
 4mm, 1,200mm Lamp Lamp  
 Case Leak 가 ,  
 Lamp가 가 ,  
 , Lead 가  
 (一樣性) , 가  
 Lamp  
 (保持部) 가  
 (Cataphoersis )  
 3. 가 Lamp 가  
 , 가 가  
 가

●☒ 2 외경 5mm, 길이 1,200mm의 냉음극 Lamp

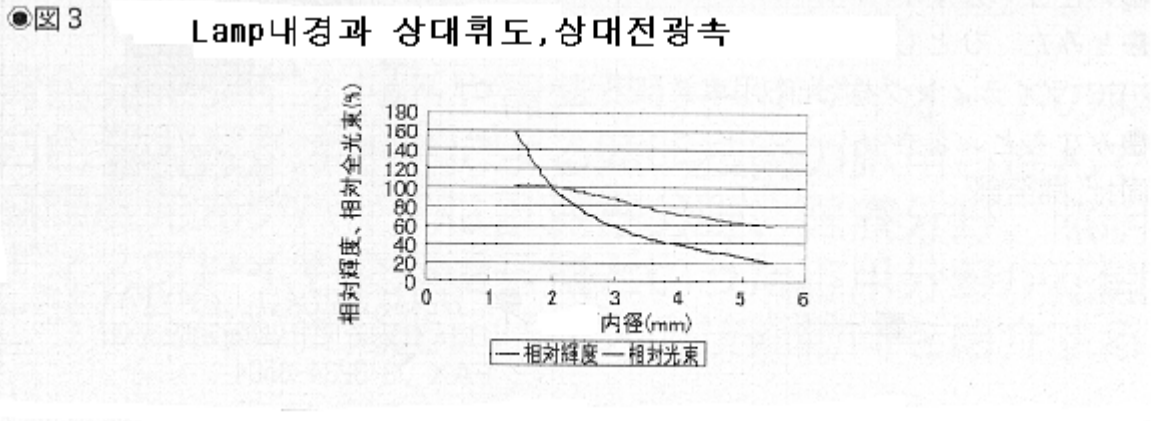


3. Lamp가  
 Matching Lamp : 가 가  
 (飛散) , Gas , 가  
 가  
 Lamp : , Back-Light Unit  
 Lamp (保持) 가  
 Lead : (封止) ,Lead  
 0.8(封止)+ 0.6(Lead) . Lead

(保持部) : Lamp 가 Back-Light Lamp 가  
 , Lamp가  
 Level 가 x,y 5/1000 가 가

4.

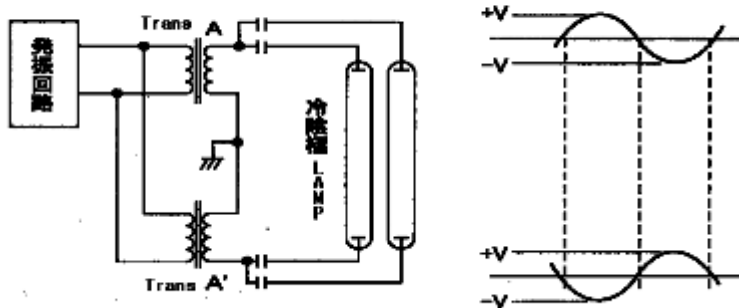
Back-Light Unit 가 Lamp  
 가 Pitch가 Lamp 가  
 Up  
 4 Lamp  
 Lamp Up ( 3)



5.

Inverter Lamp  
 1,200mm Lamp : 4Kv, : 2Kv  
 Lamp Inverter [ ] 가 가  
 Lamp 가 가

●图 4 정적냉음극용 Inverter



( 4) (A) (A')

Lamp 가 가

Lamp 20 가

Inverter Case TV 가

Lamp [ ] Lamp 가 2~3

Inverter GND Level 가

Lamp (Floating) 가

Back-Light Unit, Inverter Matching

Lamp 가

Lamp, Inverter

6.

<1> Cataphoersis(電氣泳動)

(浮游)

가 +, -

+ -

(電着)

2003.9.5