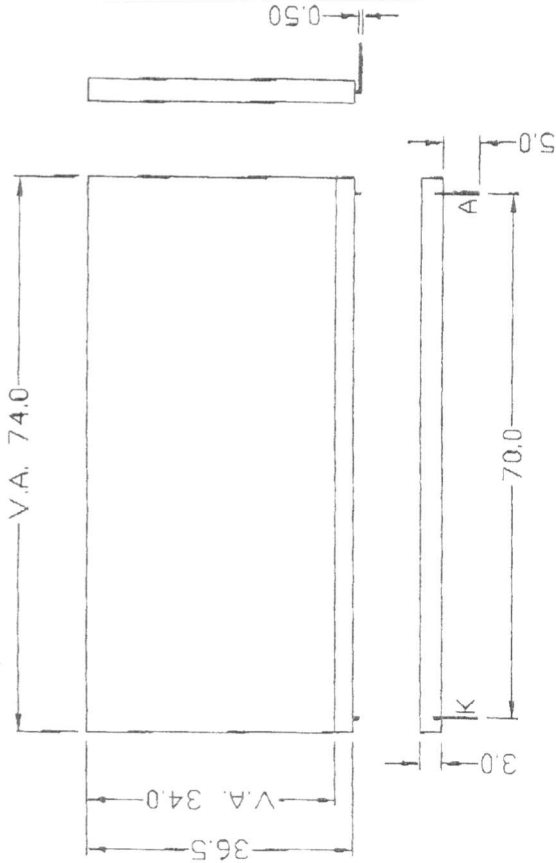


**VL Electronics**

a subsidiary of **Varitronix International Group**  
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**Varitronix**

LED BACKLIGHT

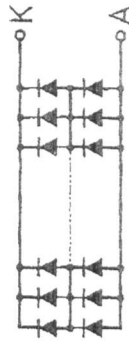


**KIT-LED 41  
LED BACKLIGHT**

This LED backlight can be recommended for usage with these Varitronix Transflective LCD.

- VI-319-DP-FC-S
  - VI-315-DP-FC-S
  - VI-319-DP-FC-S
  - VI-415-DP-FC-S
  - VI-511-DP-FC-S
  - VI-511-DP-FH-W
  - VI-503-DP-FC-S
- 153-1014-ND  
153-1016-ND

CIRCUIT DIAGRAM LED DICE ( 2X6=12 dies)



LED COLOR: YELLOW-GREEN

PARAMETER	TEST CONDITIONS	MIN	TYP	MAX	UNIT
FORWARD VOLTAGE	TEMPERATURE = +25°C FORWARD CURRENT = 60mA	3.9	4.1	4.3	V
PEAK WAVE LENGTH	FORWARD CURRENT = 60mA		568		nm
LUMINANCE	FORWARD CURRENT = 60mA		--		cd/m <sup>2</sup>

NOTES: THE LUMINANCE IS THE AVERAGE VALUE OF 9 SAMPLE POINTS AND THE BACKLIGHT UNIFORMITY SHALL BE BETTER THAN 1.5 : 1 THE MEASUREMENT INSTRUMENT IS BM-7 LUMINANCE COLORIMETER, THE MEASURING DISTANCE IS 0.35M±5CM AND THE MEASURING FIELD IS 2°

VARITRONIX LTD 852 23439555

NO. 7048 P. 1/1

**TITLE: BACKLIGHT**

**PROJECT NO: VLL2-4166**

TOLERANCE UNLESS OTHERWISE SPECIFIED:  
X.X ±0.3  
X.XX ±0.1

DIMENSIONS IN MM

MATERIAL: \_\_\_\_\_ FINISH: \_\_\_\_\_ THICKNESS: \_\_\_\_\_

SCALE: DO NOT IN SCALE

THIRD ANGLE PROJECTION

DRAWN	CHECKED	APPROVED	NAME	SIGN	DATE
CHAN KAM FAI	CHAN KAM FAI	ANDY LELING	CHAN KAM FAI		2000.2.1

ITEM NO. KIT-LED-41

DESCRIPTION: LED BACKLIGHT

FIL NO: WAI VLL2-4166 REV0

SHEET 1 OF 1

**VARITRONIX LIMITED**

KIT-LED-41