

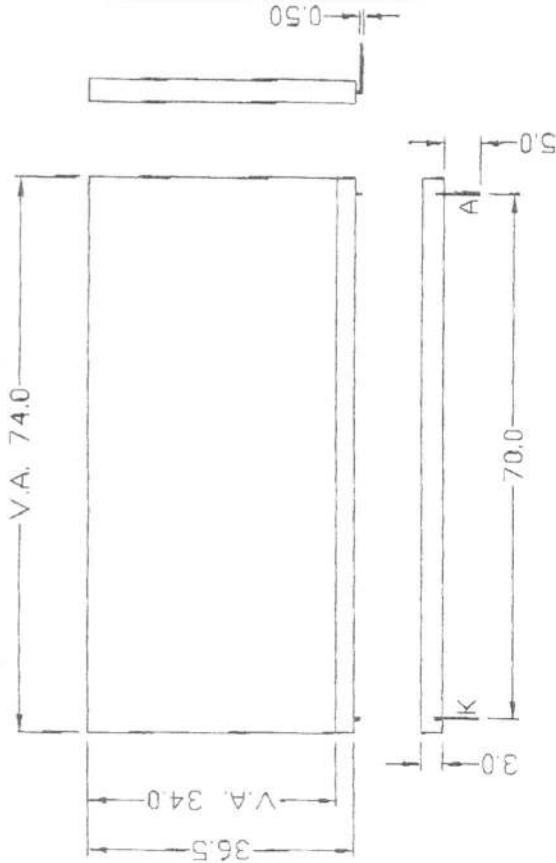


# VL Electronics

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# Varitronix

## LED BACKLIGHT

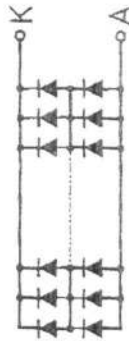


## KIT-LED 41 LED BACKLIGHT

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:
SCALE: DO NOT DIM SCALE	THICKNESS:
THIRD ANGLE PROJECTION	φ
DRAWN	NAME SIGN DATE
CHECKED	CHAN KAM FAI 2000.2.1
APPROVED	CHAN KAM FAI
	ANDY LELING
ITEM NO.	KIT-LED-41
DESCRIPTION: LED BACKLIGHT	
FILE NO: WAI VLL2-4166	REV: 0
SHEET 1	OF 1

VARITRONIX LIMITED

KIT-LED-41