

EVERLIGHT

LED LAMP ARRAYS

T-41-31

LED LAMP ARRAYS 12B SERIES

MODEL NO. AND HOLDER LENGTH:

12B/ 2X: L = 14.5mm

12B/ 6X: L = 42.5mm

12B/ 3X: L = 21.5mm

12B/ 7X: L = 49.5mm

12B/ 4X: L = 28.5mm

12B/ 8X: L = 56.5mm

12B/ 5X: L = 35.5mm

12B/ 9X: L = 63.5mm

12B/10X: L = 70.5mm

12B/11X: L = 77.5mm

12B/12X: L = 84.5mm

SELECTION GUIDE:

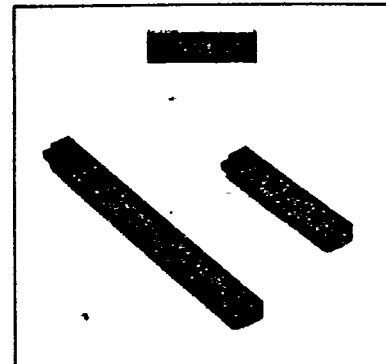
12B / 1H + 2Y + 2G

(From left to right as drawing)
No. of Lamps & Colors CombinationR Red (GaAsP)
H H-Efficiency Red (GaP)
I Improved Red (GaAsP/GaP)
G Green (GaP)
Y Yellow (GaAsP/GaP)
A Amber (GaAsP/GaP)
E Orange (GaAsP/GaP)

Color of Holder*

Model No.

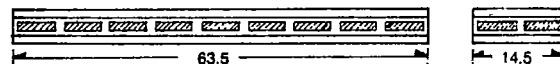
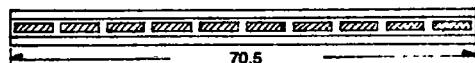
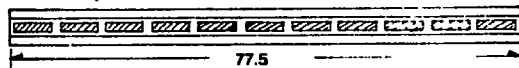
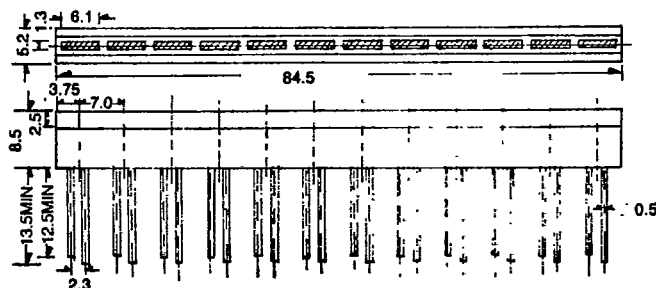
Color of Holder : B(Black)



LAMP SPECIFICATIONS:

Lamp Size	Type No. and Remark (*)	Chip		Lens Color	Peak Wave Length λ_p (nm)	Absolute Maximum Ratings				Viewing Angle $2\theta_{1/2}$ (deg)	Electro-Optical Characteristics						
		Material	Emitted Color			$\Delta\lambda$ (nm)	P_D (mW)	I_F (mA)	Peak I_F (mA)		V_F (V)			Rec. I_F (mA)	I_F (mod)		
											Min.	Typ.	Max.		Min.	Typ.	I_F (mA)
1.3mm x 6.1mm Rectangular Type 0.5° Lead Length	562RD	GaAsP	Red	Color	655	40	110	40	200	130	1.5	1.7	2.0	10~20	0.2	0.4	10
	562HD *	GaP	Bright Red		697	90	45	15	50	130	1.7	2.1	2.8	5~10	0.3	0.5	10
	562ID	GaAsP/GaP	H-Eff. Red		635	45	100	30	160	130	1.7	2.0	2.8	10~20	0.4	1.2	10
	562GD *	GaP	Green		565	30	100	30	160	130	1.7	2.1	2.8	10~20	0.4	1.2	10
	562YD	GaAsP/GaP	Yellow		585	35	85	20	160	130	1.7	2.0	2.8	10~20	0.3	1.0	10
	562AD	GaAsP/GaP	Yellow		600	35	85	20	160	130	1.7	2.0	2.8	10~20	0.3	1.0	10
	562ED	GaAsP/GaP	Orange		635	45	100	30	160	130	1.7	2.0	2.8	10~20	0.4	1.2	10

PACKAGE DIMENSIONS:



NOTE: 1. All dimensions are in millimeters

3. Protruded resin under flange 1.5 mm (0.059") Max.

5. All Tolerance is 0.25mm unless otherwise noted.

2. Lead spacing is measured where the leads emerge from the package.

4. L: the whole length of the holder