

EVERLIGHT

LED LAMP ARRAYS

T-41-31

LED LAMP ARRAYS 112B SERIES

MODEL NO. AND HOLDER LENGTH:

112B/ 2X: L=14.7mm
112B/ 3X: L=21.7mm
112B/ 4X: L=28.7mm
112B/ 5X: L=35.7mm

112B/ 6X: L=42.7mm
112B/ 7X: L=49.7mm
112B/ 8X: L=56.7mm
112B/ 9X: L=63.7mm

112B/10X: L=70.7mm
112B/11X: L=77.7mm
112B/12X: L=83.7mm

SELECTION GUIDE:

112B / 1H+2Y+2G

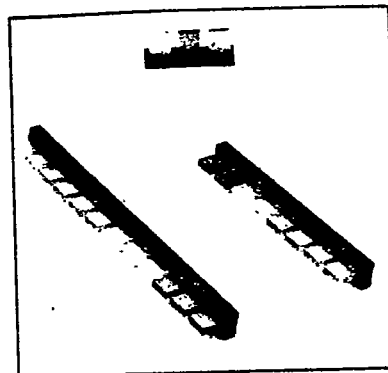
(From left to right as drawing)
No. of Lamps & Colors Combination

Color of Holder*

Model No.

Color of Holder. B(Black)

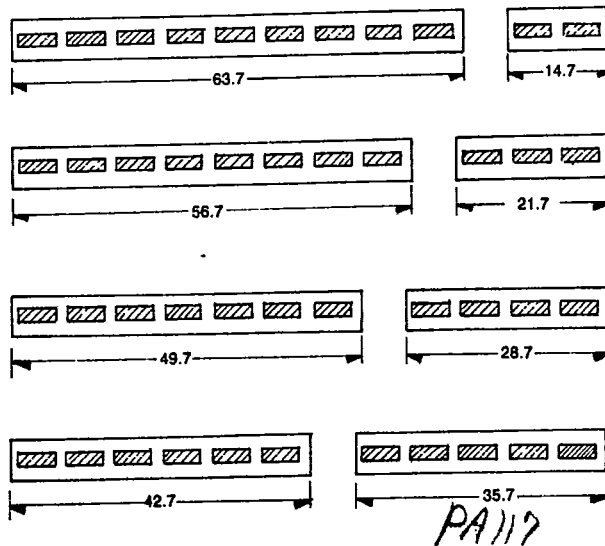
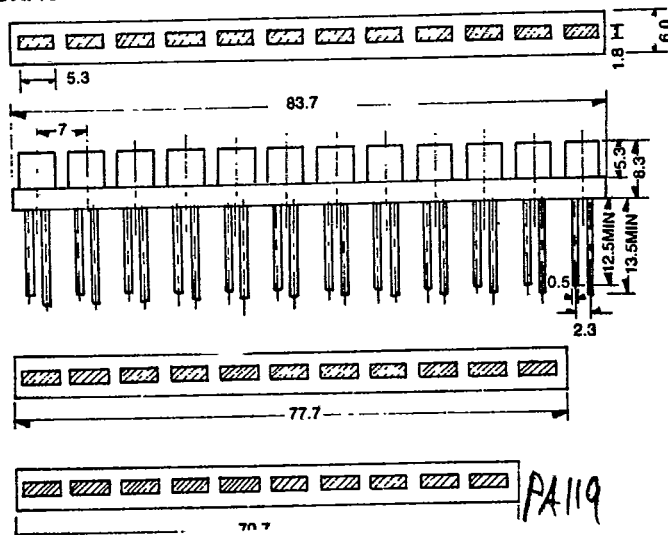
R Red (GaAsP)
H H-Efficiency Red (GaP)
I Improved Red (GaAsP/GaP)
G Green (GaP)
Y Yellow (GaAsP/GaP)
A Amber (GaAsP/GaP)
E Orange (GaAsP/GaP)



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_V (mcd)		
											Min.	Typ.	Max		Min.	Typ.	I_F (mA)
1.8mm×5.3mm Rectangular Type 0.5" Lead Length	552RD	GaAsP	Red	Color	655	40	110	40	200	150	1.5	1.7	2.0	10~20	0.2	0.4	10
	552HD **	GaP	Bright Red		697	90	45	15	50	150	1.7	2.1	2.8	5~10	0.3	0.5	10
	552ID	GaAsP/GaP	H-Eff Red		635	45	100	30	160	150	1.7	2.0	2.8	10~20	0.6	1.0	10
	552GD **	GaP	Green		565	30	100	30	160	150	1.7	2.1	2.8	10~20	0.4	0.5	10
	552YD	GaAsP/GaP	Yellow		585	35	85	20	160	150	1.7	2.0	2.8	10~20	0.5	0.7	10
	552AD	GaAsP/GaP	Yellow		600	35	85	20	160	150	1.7	2.0	2.8	10~20	0.5	0.7	10
	552ED	GaAsP/GaP	Orange		635	45	100	30	160	150	1.7	2.0	2.8	10~20	0.6	1.0	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