

LED LAMP ARRAYS

EVERLIGHT

T-41-31

LED LAMP ARRAYS 141B SERIES

MODEL NO. AND HOLDER LENGTH:

141B/ 2X: L = 13mm
 141B/ 3X: L = 19mm
 141B/ 4X: L = 25mm

141B/ 5X: L = 31mm
 141B/ 6X: L = 37mm
 141B/ 7X: L = 43mm

141B/ 8X: L = 49mm
 141B/ 9X: L = 55mm
 141B/10X: L = 61mm

SELECTION GUIDE:

141B / 1H + 2Y + 2G

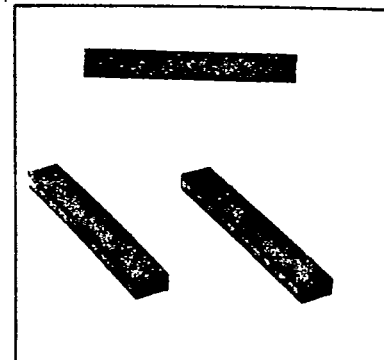
(From left to right as drawing)
 No. of Lamps & Colors Combination

Color of Holder*

Model No.

Color of Holder B(Black)

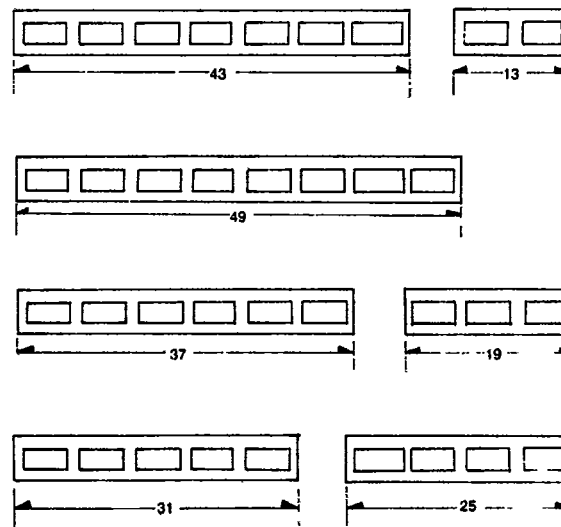
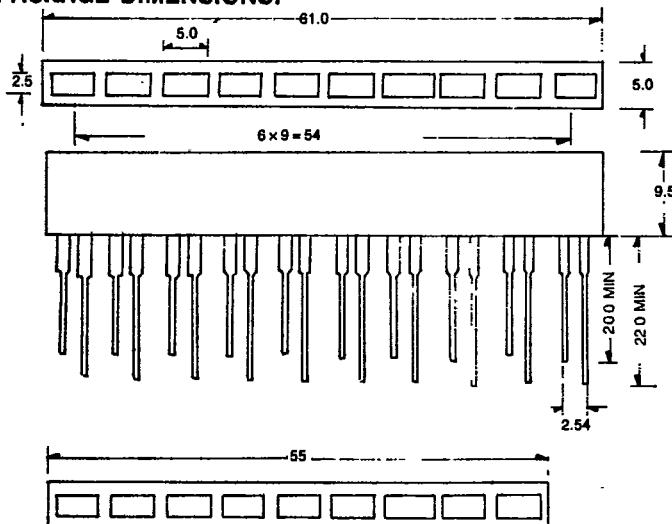
R Red (GaAsP)
 H H-Efficiency Red (GaP)
 I Improved Red (GaAsP/GaP)
 G Green (GaP)
 Y Yellow (GaAsP/GaP)
 A Amber (GaAsP/GaP)
 E Orange (GaAsP/GaP)



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_o (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)
2.5mm x 5.0mm Rectangular Type 8.0mm Height	671RD	GaAsP	Red	Color	655	40	110	40	200	124	1.5	1.7	2.0	10~20	0.2	0.4	10
	671HD	GaP	Bright Red		697	90	45	15	50	124	1.7	2.1	2.8	5~10	0.3	0.5	10
	671ID	GaAsP-GaP	Hi-Eff. Red		635	45	100	30	160	124	1.7	2.0	2.8	10~20	0.3	1.0	10
	671GD	GaP	Green	Diffused	565	30	100	30	160	124	1.7	2.1	2.8	10~20	0.3	1.0	10
	671YD	GaAsP/GaP	Yellow		585	35	85	20	160	124	1.7	2.0	2.8	10~20	0.3	1.0	10
	671AD	GaAsP/GaP	Yellow		600	35	85	20	160	124	1.7	2.0	2.8	10~20	0.3	1.0	10
	671ED	GaAsP/GaP	Orange		635	45	100	30	160	124	1.7	2.0	2.8	10~20	0.3	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