

LED LAMP ARRAYS

EVERLIGHT

T-41-31

LED LAMP ARRAYS 42B SERIES

MODEL NO. AND HOLDER LENGTH:

42B/ 2X: L = 15.6mm

42B/ 5X: L = 36.0mm

42B/ 8X: L = 56.4mm

42B/ 3X: L = 22.4mm

42B/ 6X: L = 42.8mm

42B/ 9X: L = 63.2mm

42B/ 4X: L = 29.2mm

42B/ 7X: L = 49.6mm

42B/10X: L = 70.0mm

SELECTION GUIDE:

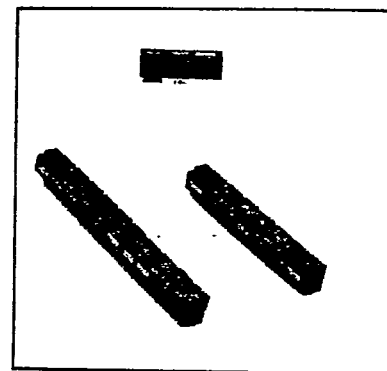
42B / 1H + 2Y + 2G

(From left to right as drawing)
No. of Lamps & Colors CombinationR Red (GaAsP)
H High 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*

Color of Holder B(Black)

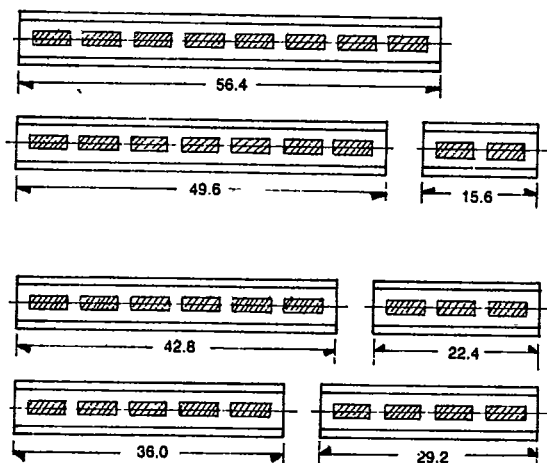
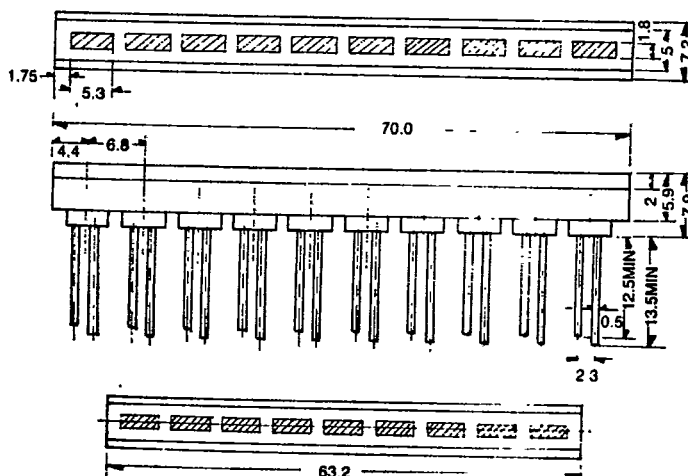
Model No.



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)			I_V (mA)			
											Min.	Typ.	Max.	Rec. I_F (mA)	Min.	Typ.	I_V (mA)
1.8mm x 5.3mm Rectangular Type 0.5" Lead Length	552RD	GaAsP	Red	Color D#used	655	40	110	40	200	150	15	17	20	10~20	0.2	0.4	10
	552HD **	GaP	Bright Red		697	90	45	15	50	150	17	21	28	5~10	0.3	0.5	10
	552ID	GaAsP/GaP	Hi-Eff Red		635	45	100	30	160	150	17	20	28	10~20	0.6	1.0	10
	552GD *	GaP	Green		565	30	100	30	160	150	17	21	28	10~20	0.4	0.5	10
	552YD	GaAsP/GaP	Yellow		585	35	85	20	160	150	17	20	28	10~20	0.5	0.7	10
	552AD	GaAsP/GaP	Yellow		600	35	85	20	160	150	17	20	28	10~20	0.5	0.7	10
	552ED	GaAsP/GaP	Orange		635	45	100	30	160	150	17	20	28	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

EVERLIGHT

LED LAMP ARRAYS

T-41-31

Entered 10-29-87

gh

04/1300

LED LAMP ARRAYS 52B SERIES

MODEL NO. AND HOLDER LENGTH:

52B/2X: L = 14mm
52B/3X: L = 21mm52B/4X: L = 28mm
52B/5X: L = 35mm

SELECTION GUIDE:

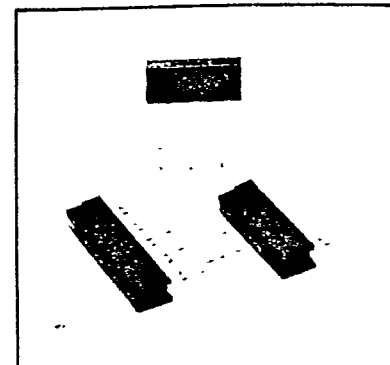
52B / 1H + 2Y + 2G

(From left to right as drawing)
No. of Lamps & Colors CombinationR Red (GaAsP)
H. Hi-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.

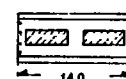
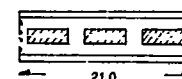
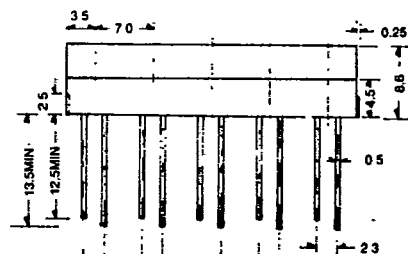
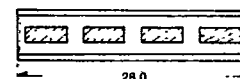
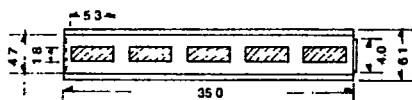
Color of Holder: B(Black) W(White)



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											Min.	Typ.	Max.		Min	Typ.	I_F (mA)
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	552GD ●	GaP	Green		565	30	100	30	160	150	1.7	2.1	2.8	10~20	0.4	0.5	10
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