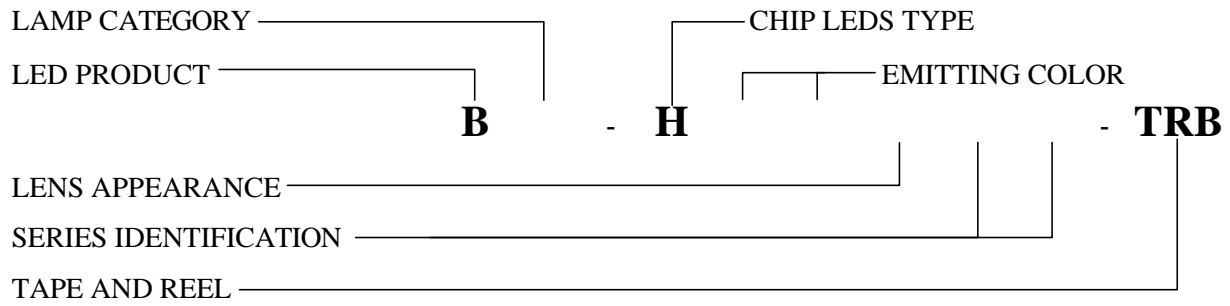




# SELECTION GUIDE TO CHIP LED LAMPS

## PART NO. SYSTEM



### LAMP CATEGORY:

L : Standard Lamp

B : Blinking Lamp

R : Resistor Lamp

### SERIES IDENTIFICATION:

3 : 1206 Flat Top Type

3A : 1206 Inner Lens Type

4A : Right Angle Lens Type/2.0mm Height

4B : Right Angle Lens Bi-Color Type

4C : Right Angle Lens Type/1.7mm Height

5A : 0805 Flat Top Type

4E : Right Angle Lens Type/1.0mm Height:

6G : 0603 Super Thin(0.4mm) Typ

6A : 0603 Super Thin(0.6mm) Type

6D : 0603 Flat Top Type

3 : 1206 Bi-Color Type

3B : Bi-Color Type

6H : 0605 Super Thin Bi-Color Type

3G : Multi Color Type

3F : Multi Color Type

3T : Multi Color Type

6T : 0605 Super Thin Multi Color Type

### LENS APPEARANCE:

1 : Color Diffused

2 : White Diffused

3 : Water Clear

4 : Color Transparent

### PACKAGE TYPE:

H : CHIP LED

X : Axial

### EMITTING COLOR:

A<sub>X</sub> : GaAsP/GaP 610nm/Amber (7)

B<sub>4</sub> : InGaN 470nm/Super Blue

D<sub>X</sub> : GaAlAs/GaAs 660nm/DH Red

E<sub>X</sub> : GaAsP/GaP 640nm/Amber (7)

F<sub>X</sub> : GaAlAs/GaAs 660nm/DDH Red

G<sub>X</sub> : GaP/GaP 568nm/Yellow Green(2)

G<sub>4</sub> : InGaN 505nm/Bluish Green

G<sub>6</sub> : InGaN 525nm/Green

H<sub>X</sub> : GaP/GaP 700nm/Bright Red(5)

J<sub>X</sub> : AlGaInP620nm/Super Orange

K<sub>X</sub> : AlGaInP595nm/Super Yellow

R<sub>X</sub> : GaAsP/GaAs 655nm/Red(1)

S<sub>X</sub> : GaAlAs/GaAs660nm/SH Red (6)

W<sub>X</sub> : GaP/GaP 555nm/Pure Green (9)

X<sub>X</sub> : GaP/GaP 568nm/Hi-Eff Green

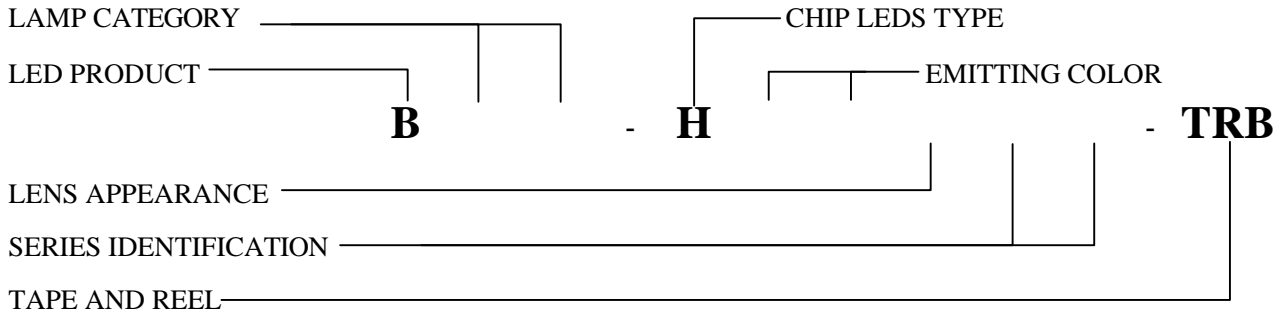
Y<sub>X</sub> : GaASP/GaP 583nm/Yellow



# SELECTION GUIDE TO INFRARED SERIES

## PART NO. SYSTEM

- INFRARED EMITTING DIODES
- PHOTOTRANSISTORS
- PHOTODIODES



## LAMP CATEGORY:

IR : Infrared Emitting Diodes

PT : Phototransistors

PD : Photodiodes

## SERIES IDENTIFICATION:

Lx : GaAs/GaAs940nm

Mx : GaAsAl/GaAs940nm

Nx : GaAlAs880nm

Ox : GaAlAs/GaAlAs850nm

Px : Silicon Phototransistors

Qx : Silicon Photodiodes

## TYPICAL ELECTIEICAL-OPTICAL CHARACTERISTICS CURVES

Infrared Emitting Diodes Series :

Fig.3 FORWARD CURRENT VS. FORWARD VOLTAGE

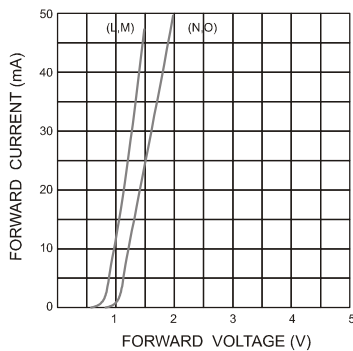


Fig.4 RELATIVE LUMINOUS INTENSITY VS. AMBIENT TEMPERATURE

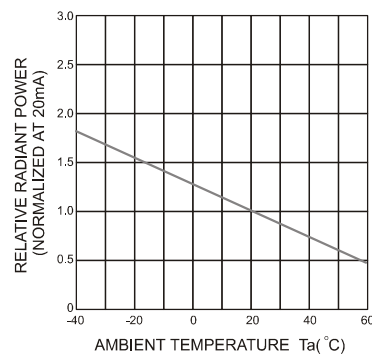


Fig.5 RELATIVE LUMINOUS INTENSITY VS. FORWARD CURRENT

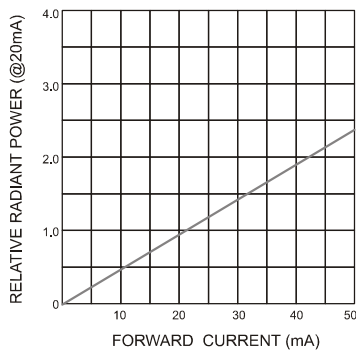
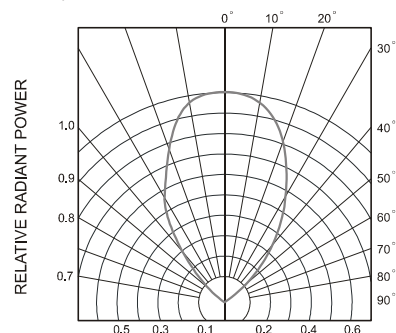


Fig.6 RADIATION DIAGRAM





## SELECTION GUIDE TO SPECIAL ITEM

---

**GH** -                                          
1        2    3            4            5    6            7        8

1. LED PRODUCT
2. PRODUCT BRIGHT COLOR OR CATEGORY
3. CRYSTAL MATERIAL APPLIED FOR PRODUCT
4. SUPPORT APPLIED OR PRINTING CIRCUIT BOARD OR PACKING MATERIAL MODEL FOR PRODUCT
5. RESIN COLOR OF PRODUCT APPEARANCE OR PACKING APPEARANCE CATEGORY
6. PRODUCT RESIN APPEARANCE SHAPE OR NUMBER
7. SPECIAL EXPLANATION FOR PRODUCT SIZE, BRIGHTNESS