

## SPECIFICATIONS

| Model                              | 3FLP100100-R   | 3FLP100100-W | 3FLP100100-B | 3FLP100100-G |
|------------------------------------|--|--------------|--------------|--------------|
| Category                           | Collimated backlight   |              |              |              |
| LED Type                           | SMD  | SMD          | SMD          | SMD          |
| Color                              | red  | white        | blue         | green        |
| Wavelength                         | 620-635nm  | -            | 465-470nm    | 525-530nm    |
| Color temperature                  | -  | 6000K-6500K  | -            | -            |
| Power                              | 8.4W max.  | 10W max.     | 10W max.     | 10W max.     |
| Input Volt                         | DC24Vmax.  |              |              |              |
| Cable length                       | 0.5m   |              |              |              |
| Terminal Plug                      | Flat head 3PIN 2pin  |              |              |              |
| Connector Definition               | 1:positive(+)red; 2:leftblank; 3:negative(-)black.   |              |              |              |
| Shell Material                     | Aluminum Alloy ( Oxidative blackened surface )   |              |              |              |
| Cooling                            | Natural air cooling  |              |              |              |
| Dimensions                         | L130mm*W110mm*H22.5mm  |              |              |              |
| Shell Hardness Parameters          | Static load 230N±10N,time 5 minutes contact area:diameter 30MM<br>Energy level: 5J elements:steel ball diameter 50MM,500g±25g  |              |              |              |
| Electrical Insulation Capacity     | DC500V Insulation<br>resistance>20megohms  |              |              |              |
| Pressure Resistance Requirements   | AC1000V10mA/5S   |              |              |              |
| Flammability Rating                | IEC60707   |              |              |              |
| Operating Temperature and Humidity | Temperature:0 to 50°C, Humidity:20% to 85% RH(non-condensing)  |              |              |              |
| Life span                          | Under our specified conditions of use,50,000 hours for red light and 30,000 hours for white light,the brightness is reduced to 50% of the factory value  |              |              |              |
| Warranty Period                    | Under the conditions of use specified by the company,the warranty is two years from the date of shipment,and within two years,if there is a failure problem, it can be repaired or replaced free of charge |              |              |              |
| Value Added Services               | One year free technical support  |              |              |              |
| Brightness Controller (optional)   | 1.Analog Controller<br>2.Digital Controller  |              |              |              |

|                                    |   |
|------------------------------------|---|
| <b>Mating cable<br/>(optional)</b> | 1.Light source extension cable<br>2.Connector adapter cable |
|------------------------------------|---|

\*KM the maximum input voltage for all colors of light sources is 24V.

\*KM reserves the right to make changes to the products without prior notice.

\*KM can customize non-standard light sources such as UV, IR, and yellow according to customer requirements

## Drawing:

