

### Description:

RX-BKT57-KM552 Series Small-sized LED umodule- Ideal for linear and panel lights. PN2.0 or 2060 Terminal Block, very easy to connect and remove the conductors. Perfectly uniform light, even if several LED modules are used together in a line. LED Line systems are designed to produce pure white light for general lighting applications with high efficiency level, surpassing T5. For a variety of lighting.



### CRI: > 80

Efficiency Up to 158Lm/W

### Optional

3000K/4000K/6000K  
24LED or 48LED

### Size

550x18mm

### Power

11W and 17W

### Optional Terminal

PH2.0 or 2060

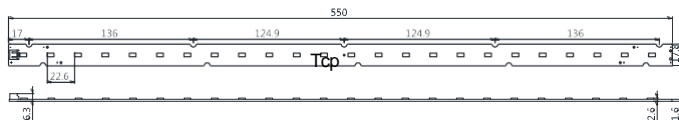
### Compatible Samsung

Linear LT-M552

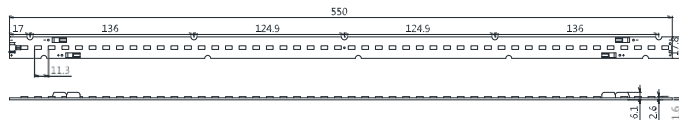


Application specs	
Brightness	59Lm/LED
Default Colors	CW5800~6250K
Other colors	WW2800~3200K NW3800~4250K
Waterproof Rating	IP20
Operating Temperature	-40~50°C (PCB /Tc < 75°C)
Electrical specs	
LED Power	Max 150mA /LED; 0.5W/LED
Input	DC22~25V
Warranty	3 years
Certification	CE RoHS FCC
Life-Span	>50000hours Tc<75 °C, I<150mA /LED

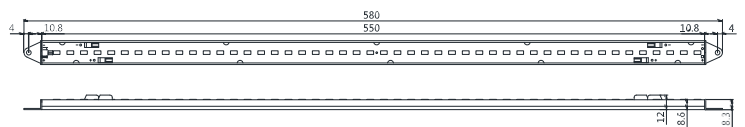
### Dimensions



RX-BKT57-M552A



RX-BKT57-M552C



RX-BKT57-M552C-H02

Unit: mm

**Technical Data:**

Part Number	Dimensions Net weight	LED QTY	Test Current Forward Voltage Typ	Power Typ	Luminous flux	Efficacy	TCP Test	Comment
RX-BKT57-M552A	550x18x2.6mm 38g	24pcs	0.3A@23.5V	7W	960Lm	137Lm/W	43 °C	PH2.0 Terminal
			0.45A@24.2V	10.9W	1320Lm	121Lm/W	51 °C	
RX-BKT57-M552C	550x18x2.6mm 42g	48pcs	0.3A@22.5V	6.8W	1080Lm	158Lm/W	41 °C	0.7A Drive, need for cooling
			0.45A@23.2V	10.4W	1420Lm	137Lm/W	48 °C	
			0.7A@24.1V	16.9W	2180Lm	129Lm/W	61 °C	
RX-BKT57-M552C -H02	580x20x8.6 120g	48pcs	0.3A@22.6V	6.8W	1080Lm	158Lm/W	38 °C	H02 aluminum shell 0.7A Drive, need for cooling
			0.45A@23.3V	10.4W	1420Lm	137Lm/W	45 °C	
			0.7A@24.2V	16.9W	2180Lm	129Lm/W	58 °C	

Note: Beam Angle 120 °, Tolerance range for optical data: ±10 %. Tolerance range for electrical data±5 %

The above table data testing at room temperature is 25 °C, Cooling by free air convection. T<sub>cp</sub> Max 75 °C, T<sub>cp</sub> Test >50°C, please note the heat.

Test LED color temperature 5800-6250K, CRI>80, (WW2800~3200K 92% brightness ; NW3800~4200K 96% brightness)

Drive current decision LED module power consumption! Max 150mA/LED

### Precautions In Handling

1, LED Lighting for white light are devices which are materialized by combining white LEDs. The color of white light can differ a little unusually to diffuser plate (sign-board panel).

#### 2, Handling

Don't drop the unit and don't give the unit any shocks.

Don't storage the Module in a dusty place or room.

Don't take the unit to pieces.

#### 3, Cleaning

This LED Module should not be used in any type of fluid such as oil, organic solvent, etc.

It is recommended that IPA (Isopropyl Alcohol) be used as a solvent for cleaning the LED Module.

When using other solvents, it should be confirmed beforehand whether the solvents will dissolve the package and the resin or not. Freon solvents should not be used to clean

the LEDs because of worldwide regulations. Do not clean the LED Module by the ultrasonic.

Before cleaning, a pre-test should be done to confirm whether any damage to the LED Lighting will occur.

#### 4, Static Electricity

Static electricity or surge voltage damages the LED Lighting.

#### 5, Discoloration

VOCs (volatile organic compounds) may be occurred by adhesives, flux, hardener or organic additives which is used in luminaires (fixture) and LED silicone bags are permeable to it. It may lead a discoloration when LED expose to heat or light.

This phenomenon can give a significant loss of light emitted (output) from the luminaires (fixtures). In order to prevent these problems, we recommend you to know the physical properties for the materials used in luminaires, it requires to select carefully.

#### 6, Risk of Sulfurization (or Tarnishing)

The lead frame is a plated package and it may change to black. (or dark colored) when it is exposed to Ag (a), Sulfur (S), Chlorine (Cl) or other halogen compound. It requires attention.

Sulfide (Sulfurization) of the lead frame may cause a change of degradation intensity, chromaticity coordinates and it may cause open circuit in extreme cases. It requires

attention. Sulfide (Sulfurization) of the lead frame may cause of storage and using with oxidizing substances together. Therefore, LED is not recommend to use and store with the below list.: Rubber, Plain paper, lead solder cream etc.

7, Others

If over voltage which exceeds the absolute maximum rating is applied to LED Lighting,

it will cause damage Circuits(that LED is included) and result in destruction.

Do not directly look into lighted LED with naked eyes for longtime.