

## LED MODULE M3X3528

### Products Feature :

- 3528 SMD LED as light source, large viewing angle, super luminous flux
  - Energy saving, environment-friendly
  - Smallest LED backlighting module in the world.
- Protection grade IP65.  
Suitable for super thin super small channel letters backlighting.

### Parameter:

| Basic Parameter                       |                   |         |                                     |                      |           |
|---------------------------------------|-------------------|---------|-------------------------------------|----------------------|-----------|
| LED Type                              | 3528 SMD          |         | Color                               | R /Y /G/B/WW/W/      |           |
| LED Qty                               | 3 PCS             |         | Size                                | 65.4*11.6*4.7mm      |           |
| Interfaces                            | UL 1007 18# 100mm |         | Cable                               | Grey DC+ & White DC- |           |
| Cluster Qty                           | 20pcs/string      |         | Centre distance of                  | 24mm±5%              |           |
| Weight                                | 7.5g±0.5g         |         | Lifespan                            | MTBF > 10000hours    |           |
| Environment Parameter                 |                   |         |                                     |                      |           |
| Working Temperature                   | -40°C~+50°C       |         | Storage Temperature                 | -50°C~+60°C          |           |
| IP Grade                              | IP65              |         |                                     |                      |           |
| Electronic Specification              |                   |         |                                     |                      |           |
| Working Voltage                       | DC12V             |         | Working Wattage                     | 0.3W                 |           |
| Driving Method                        | Constant Voltage  |         | Maximum length in serial connection | ≤20PCS               |           |
| Lighting Capability                   |                   |         |                                     |                      |           |
| Viewing Angle (θ)                     | 120±5°            |         |                                     |                      |           |
| Luminous Flux (lm)                    |                   |         |                                     |                      |           |
| R                                     | Y                 | G       | B                                   | WW                   | W         |
| 3.3                                   | 3                 | 9       | 2.7                                 | 15                   | 15        |
| Wave Length/ Color Temperature (nm/k) |                   |         |                                     |                      |           |
| R                                     | Y                 | G       | B                                   | WW                   | W         |
| 620~630                               | 587~593           | 515~525 | 465~475                             | 2700-3000            | 5500~6500 |

