

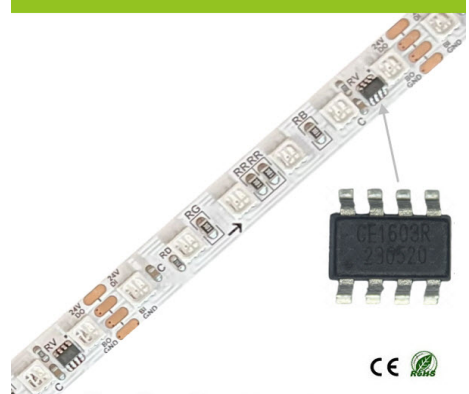
Features

- Dual data to prevent the signal interrupt
- Single signal SPI protocol
- Unipolar RZ code data flow control
- Improve light efficiency.
- Insert it into neon housing or Aluminum profile
- Using for Indoor&Outdoor event and TV studio

Parameter

• LED Packaging	SMD3535 RGB
• LED Life Span	50000hours
• LED / m	120leds/m
• Pixel / m	20px/m
• IC Control prototol	GE1603R
• Input voltage	24V DC
• Watt/m	Max 16.5W/m
• Redundant data	Yes
• FPCB width	8mm
• Copper thickness	35μm*3(3oz)
• Optional FPCB Color	white/black
• Optional IP Rating	IP21/IP65/IP67/IP68
• Cutting unit length	50mm(1.97")
• Standard length	5M/Reel
• Emitting Color	RGB

8mm Dual data Digital RGB 24v



GE1603R Protocol spec:

Data Format 24bit: R7-0,G7-0,B7-0
Color order: RGB
Timing($T_H+T_L \geq 1.25\mu s$)
$T_{0H}=0.20-0.35\mu s$, $T_{1H}=0.55-1.0\mu s$
$T_{0L}=0.6-1.5\mu s$, $T_{1L}=0.3-1.5\mu s$
Trst low level time $> 350\mu s$
Compatible with SK6812 Protocol

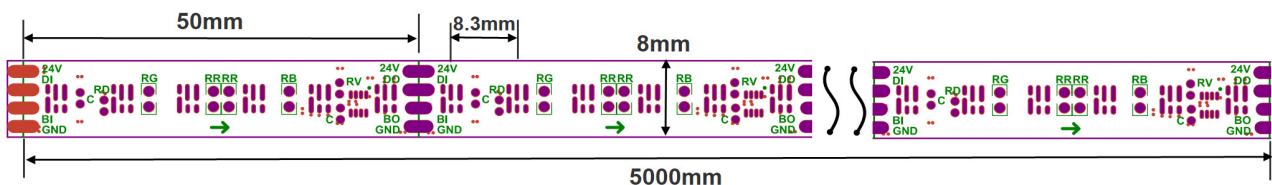
Different IP Rating(W*H) size

IP20	8mm*2.0mm
IP65	8mm*2.5mm
IP67	10mm*4.0mm
IP68	10.5mm*4.5mm

Light efficiency data

Red(620-630nm):200lm/m Green(520-530nm):410lm/m Blue(465-475nm):140lm/m

Physical Dimensions



Disclaimer : Greeled subject to change without no excepted. Always make sure to use the most recent release.