



# iSignage™

36T RGB LED Flex Strip



ATG ELECTRONICS

ATG Electronics® iSignage™ 36T RGB LED Flex Strip is a RGB flexible, cuttable and slim device designed especially for signage lighting and replace conventional neon signs.

iSignage™ 36T adopts high intensity LEDs to operate at 12VDC (safe to humans). It can be joined together via 4-pin power cable, and cut at every 9LEDs to fit different spaces. The slim profile, wide beam angle and small color mixing distance (10cm~15cm or 4"~6") direct the light distribution to the surface of the channel letters, and produce even color.

iSignage™ 36T can work with related RGB controllers (DynColor™ 300-FS, QColor™ 310-FS and QColor™ 020-FS) and produce vivid color changing effects. Power Supplies are available in normal and waterproof versions for indoor and outdoor signs. One meter (3.3 feet) 4-pin power cable can be provided for cases there is big space between power supply and channel letters.

iSignage™ 36T can be easily installed onto channel letter bottom with mounting clips.

iSignage™ 36T has been successfully installed to light up thousands of channel letters worldwide; besides it can also be used for cove lighting.



**ATG**  
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Light your world  
Color your life!

**Features:**

More than 30 color changing patterns available from intelligent DMX control system (Dyncolor™ 300-FS RGB DMX Controller);  
 High brightness with high intensity LEDs at lower cost;  
 Flexible, cuttable and compact size for narrow or curving space;  
 Easy to install and connect with mounting clips and signal connectors;  
 Moisture, humidity and short-circuit resistant with tape on the back of PCB;  
 Safe and stable with low voltage;  
 Energy saving with low power consumption;  
 Green and eco-friendly lighting source.

**Recommended Applications:**

Signage lighting (channel letter lighting, symbol lighting) for shops, stores, hotels, restaurants, cinemas, theatres, bars and clubs etc;  
 Decorative lighting (cove lighting, back lighting, display lighting etc) for your homes, shops, stores, hotels, restaurants, cinemas, theatres, bars and clubs, etc.

**Custom Design Service:**

Length: more or less than 36 cm (14 inch) as per request;  
 LED Quantity: more or less than 36 LEDs as per request;  
 Working Voltage: 24 VDC available as per request.

## iSignage™ 36T for Signage Lighting



Controlled by DynColor™ 300-FS RGB DMX Controller, iSignage™ 36T RGB LED Flex Strip can get more than 30 color changing patterns. Dynamic lighting output makes your advertising channel letters, symbols or signboards come alive and can easily draw attentions. So it's time to shed vivid light on your business with iSignage™ 36T for your business expansion.



## iSignage™ 36T for Decoration Lighting



iSignage™ 36T RGB LED Flex Strip can build different atmospheres suitable for different activities with more than 30 color changing patterns provided by DynColor™ 300-FS. Brighten dark corners, color wall or ceiling coves, stand out your articles on display or even use it anywhere else you've not imagined yet! Just enjoy the graceful dance of colorful light created by iSignage™ 36T in your homes, shops, stores, hotels, restaurants, cinemas, theatres, bars and clubs, etc.



## Part Numbers

Part Number	Description	Unit
HFS-S036T-036400-L1	iSignage 36T RGB LED Flex Strip, 36LEDs, RGB, 36cm, 12VDC, 80 degree	pcs

## Technical Specifications

### Physical Specifications

Dimension	L360*W17*H0.8 mm (L14*W0.67*H0.03 inch)
Connectors	4-pin power connector
PCB Type	White Flexible PCB
Work environment	applicable for dry environment

### Electrical Specifications

Lighting Source	High Intensity LED
LED Quantity	36 LEDs
Operation Voltage	12 VDC
Operation Current	0.24 A
Power Consumption	2.88 W
Operation Temperature	-40°C~40°C (-40°F~104°F)
Maximum Series-wound Quantity	15 pcs
Power Supply	12 VDC QDriver™/XDriver™ LED Power Supply
Control System	DynColor™ 300-FS RGB DMX Controller(Part Number: HCD-00300-000000-FS) QColor™ 310-FS RGB Mini Controller(Part Number: HCD-00310-000000-FS) QColor™ 020-FS RGB Remote Controller(Part Number: HCD-00020-000000-FS)

### Optical Specifications

Color Range	RGB		
Lumens ( one pcs)	69.36 lm		
Efficiency	24.08 lm/W		
Wavelength	Red: 620-625	Green: 520-525	Blue: 470-475
Beam Angle	80 degree		
Lumen Maintenance	>95%@1,000hrs		



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