



eCove™

WP30 LED Rigid Strips



ATG ELECTRONICS



ATG Electronics® eCove™ WP30 LED Rigid Strips are the low voltage, linear and waterproof fixture delivering medium intensity for decoration lighting and under cabinet lighting.

From large-scale commercial installations to simpler residential applications, eCove™ WP30 generates saturated, uniform color and customizable effects within recessions, task areas, accent areas, and other confined spaces.

eCove™ WP30 is 50cm (19.68 in) length and with 30LEDs in; it comes with male/female waterproof connector at both ends, and resin on the surface, which make it suitable for both indoor and outdoor applications. The rotatable clips, 2pcs per strip included in standard selling package, will enable the customers an easy installation benefit, and also can be adjusted to throw light to desired direction.

To equip the whole system, the suitable power supply shall be considered; waterproof power supplies shall be ordered along with the strips.

eCove™ WP30 has been successfully used worldwide and transform the customers' imagination into reality.

ATG
Electronics Corp.

Light your world
Color your life!

Features & Benefits:

IP68, waterproof for your both indoor and outdoor applications;

Easily connected and installed with accessories, maintenance free;

Long life span of more than 50,000 hours with little heat, proper drive characteristics and high quality LEDs;

Consist of ultra bright LEDs in high intensity and can emit higher brightness at lower cost;

Maintain all of their LED's to the tightest color tolerances to produce even color from strip to strip;

Safety and stable with 12VDC low voltage;

Energy saving with low power consumption.

Recommended Applications:

Decoration lighting (back lighting, edge lighting etc) for homes, restaurants, hotels, shops, stores, cinemas, theatres, bars, clubs or even for you automobiles, bicycles;

Under cabinet lighting for your cabinets, cupboards etc in your homes, restaurant and any other places where you need accent lighting;

Safety lighting for stairways, steps and paths to guide people move around safely in the dark.

eCove™ WP30 for Decoration Lighting

Still want to spend a lot of money and time to decorate or rebuild your places? Just abandon this idea and choose an economical way with lighting decoration. eCove™ WP30 LED Rigid Strip is made of wide beam angle LEDs and can give out stunning light output.

eCove™ WP30 is also a good alternative to decorate your automobiles or bicycles. Just imagine how cool your back will be with our eCove™ WP30. For bicycles, its light output can enhance the riding security in the dark as well.



eCove™ WP30 for Under Cabinet Lighting



Saturated, uniform-color light emitted by eCove™ WP30 is well-suited for your under cabinet lighting purpose. No more so glare light influencing your task efficiency, no more so many wasted overhead luminaries decreasing the light utilization, it's just the time to adopt eCove™ WP30, a proper lighting fixture, to achieve your ideal under cabinet lighting!

eCove™ WP30 for Safety Lighting

For the sake of security, guidance lighting is very necessary in the dark for your homes, cinemas, theatres, bars, clubs, restaurants, hotels etc. With the features of energy-saving, safety application and compact size, eCove™ WP30 LED Rigid Strip is an ideal lighting for indicating the steps, stairways and pathways. In addition, the linear lighting adds beauty to your places and makes them extraordinary. So eCove™ WP30 is just your right choice to achieve the security lighting purpose.



Part Numbers

Part Number	Description	Unit
HRS-Z030R-050400-L1	Waterproof, 30LEDs, Red, 50 cm (19.5 inch), 12VDC	pcs
HRS-Z030Y-050400-L1	Waterproof, 30LEDs, Yellow, 50 cm (19.5 inch), 12VDC	pcs
HRS-Z030B-050400-L1	Waterproof, 30LEDs, Blue, 50 cm (19.5 inch), 12VDC	pcs
HRS-Z030G-050400-L1	Waterproof, 30LEDs, Green, 50 cm (19.5 inch), 12VDC	pcs
HRS-Z030N-050400-L1	Waterproof, 30LEDs, White, 50 cm (19.5 inch), 12VDC	pcs

Technical Specifications

Physical Specifications

Dimension	L500*W18*H15 mm (L19.5*W0.71*H0.59 inch)
Connectors	2-pin power connector
PCB Type	White PCB
Housing	PVC
IP Rating	IP68

Electrical Specifications

Lighting Source	Super flux LED
LED Quantity	30 LEDs
Operation Voltage	12 VDC
Operation Current	0.2 A
Power Consumption	2.4 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
Dimming System	QColor™ Remote Dimmer (Part Number: HCD-00001-000000-RD)

Optical Specifications

Color Range	Red	Yellow	Blue	Green	White
Luminous Intensity (single LED)	600 mcd	600 mcd	400 mcd	1200 mcd	1500 mcd
Lumens	39 lm	39 lm	30 lm	90 lm	105 lm
Efficiency	16.25 lm/W	16.25 lm/W	12.5 lm/W	37.5 lm/W	43.75 lm/W
Wavelength	620~625	580~595	470~475	520~585	—*
Beam Angle	80 degree				
Lumen Maintenance	>95%@1,000hrs				

*Color temperature: 5000K~6500K



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