



HALO

lighting solutions

HALO 3G (3rd Generation) LED Strip Light

The HALO 3G LED strip lighting offers both AC and DC options. The DC version (12 / 24 / 48 VDC) uses external power controllers to convert mains power into a low voltage DC supply which energizes the LED's. The AC version is designed to connect to mains power without the need for external power controllers.

The HALO 3G Lighting Solutions were designed for commercial and residential applications while still offering HALO quality customers love since 2010. HALO 3G is suitable for extremely harsh environments, however its versatility makes it a leader in its class for all applications ranging from extreme wet, extreme cold to extreme hot and everything in between; every design aspect of HALO designs are based around providing unequalled performance, longevity & reliability in extremely harsh environments, which HALO has been delivering, with great worldwide success since 2010.



APPLICATIONS

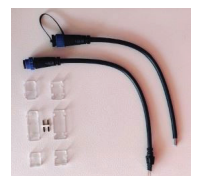
- Commercial
- Residential
- Industrial

HALO 3G is a modular lighting system consisting of LED strip lighting manufactured in 50m or 100m reels which can be cut to length as marked & customized to any length according to the need with D.I.Y features. The lighting system is terminated using a HALO Connector singular kit which are quick & easy to use, no soldering or prior skills required.

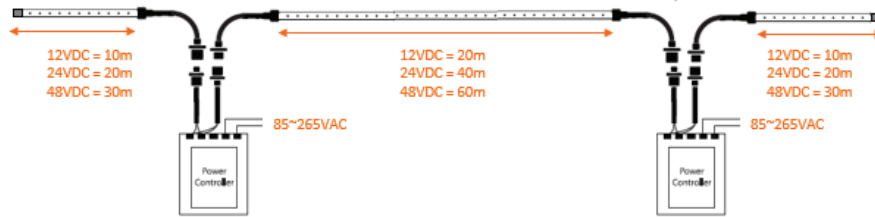
Cut to length Max. 120m on 230VAC



Typically, HALO 3G is shipped in 50m reels. On request, we can ship in any specific length up to 100m. To terminate HALO 3G, you will need a HALO Connector kit. A short video clip on the termination can be found [here](#)

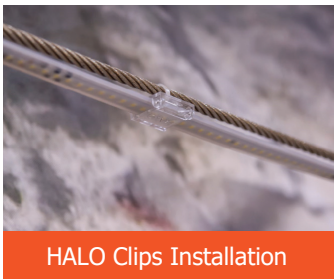


The DC version is connected in the following configuration using the HALO power controllers to convert the AC to DC voltage.



INSTALLATION

HALO 3G can be installed using HALO Clips, HALO Aluminium extrusion or any other extrusion by HALO's technical department.



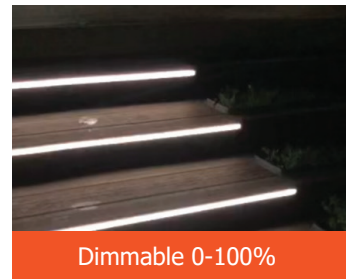
HALO Clips Installation



HALO Aluminium Channel



62m Continuous Run



Dimmable 0-100%

Category	ALPHA	DELTA	ULTRA	BETA	ALPHA	DELTA	ULTRA	ALPHA	DELTA	ULTRA
Description	AC230V constant current			12VDC constant current	24VDC constant voltage			48VDC constant voltage		
LED Make	EPISTAR SMD 2835									
LED configuration	132	54	144	64	112	70	144	128	64	160
Range fed from ONE side	100M	120M	100M	10M	20M	20M	20M	30M	30M	30M
Range fed from BOTH sides	NA			20M	40M	40M	40M	60M	60M	60M
Operating temperature	-40°C to +45°C									
IP Rating strip	68									
IP Rating connectors	68									
Power Consumption per Meter	15.6W	7.6W	18W	5.6W	10W	5.6W	13.6W	10W	5.6W	13.6W
Colour Rendering Index CRI	> 80									
Colour temperature	3000 or 5500 K									
Luminous Efficacy	>95LM/W			>150LM/W						
Lumens P/M	>1500	>700	>1800	>800	>1500	>800	>2000	>1500	>800	>2000
Supply voltage VAC	200 ~ 240 VAC			12 VDC	85 ~ 265 VAC					
Light maintenance	15% - 20% Drop in 5 years									
Expected Lifespan	5 Years									
Warranty Lighting	3 Years									
Fire Retardant	Yes									
Outer covering	Food grade silicone									
Dimensions	4.5mm X 14mm									
Connectors	Customized on site fitting									
Tensile strength	50KGS									
Overvoltage protection	No									
Overheat protection	Yes					No				
Dust repellent	Yes									
Packing	As ordered									



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0437 638 384



innovativelighting.com.au



nvisser@innovativelighting.com.au