



HALO

lighting solutions



HALO LR (Long Range) LED Strip Light

The HALO LR LED strip lighting offers both AC and DC options. The DC version (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 LR Lighting Solutions were designed for industrial and commercial applications offering HALO quality customers love since 2010. HALO LR 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.



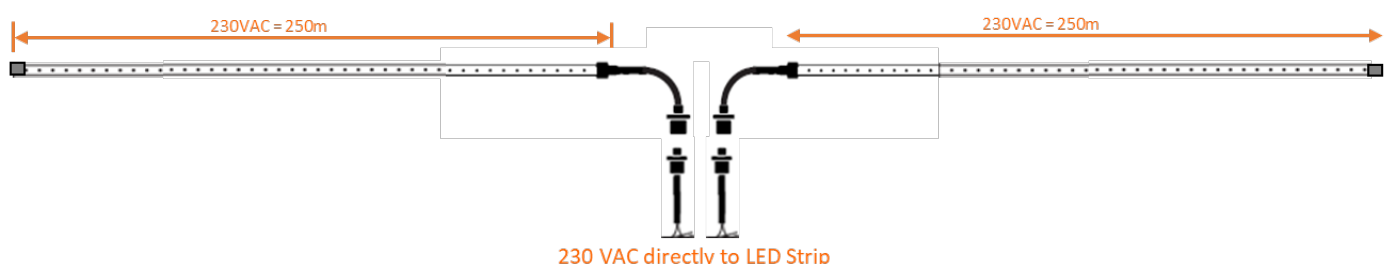
APPLICATIONS

• Commercial

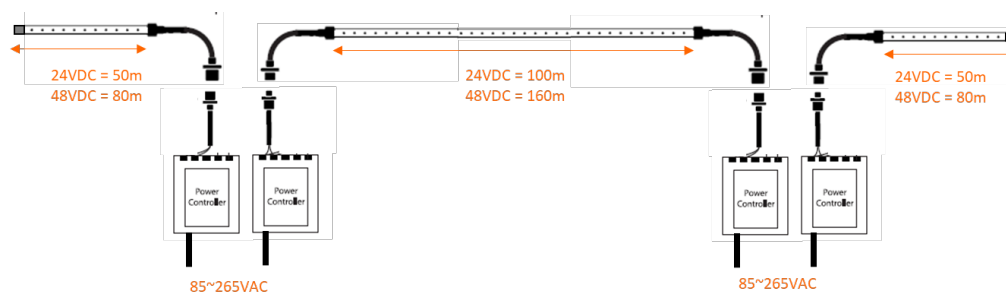
• Residential

• Industrial

HALO LR is a modular lighting system consisting of LED strip lighting manufactured in 20m reels with factory fitted male/female connectors. All HALO LR lengths are delivered complete with all accessories needed to function independently, or as part of an extended interjoined system.



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

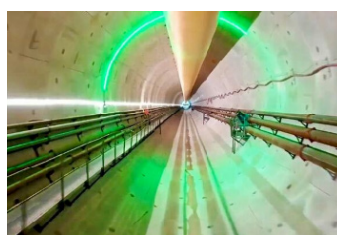


INSTALLATION

HALO LR can be installed using HALO Clips or any other extrusion by HALO's technical department



HALO Clips Installation



HALO Tunnelling



HALO Tunnelling



HALO Underground Mining

SPECIFICATIONS

Category	24VDC	48VDC	230VAC
Description	Halo Long Range Strip Lighting		
LED Make	SANAN		
LED configuration	70	56	54
Range fed from ONE side	50M	80M	250M
Range fed from BOTH sides	100M	160M	NA
Operating temperature	-40°C to +45°C		
IP Rating strip	68		
IP Rating connectors	68		
Power Consumption per Meter	7.2W	7.6W	8W
Colour Rendering Index CRI	> 80		
Colour temperature	5500 K		
Luminous Efficacy	>110LM/W	>105LM/W	>100LM/W
Lumens P/M	>800		
Supply voltage VAC	24VDC with Power Controller	48VDC with Power Controller	200 ~ 240 VAC
Light maintenance	15% - 20% Drop in 5 years		
Expected Lifespan	5 - 10 Years		
Warranty Lighting	3 Years		
Fire Retardant	Yes		
Overheat protection	Yes	N/A	
Outer covering	Food grade silicone		
Dimensions	7mm X 14mm		
Connectors	Factory fitted / Customized on site fitting		
Dust repellent	Yes		
Packing	As ordered		



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