STRIP LIGHTING

Selection Guide

www.greenhse.com

08 929 729 69

greenhse Technologies

WHICH STRIP LIGHTING

WILL SUIT MY APPLICATION



Strip lighting is one of the most versatile lighting solutions available. It allows you to create visually stunning spaces while also delivering practical and efficient illumination.

There is no single strip light that suits every application. With over 50 variations available, each type offers unique advantages depending on the use case. This guide will help you choose the most suitable strip lighting for your specific needs.

LENGTH

24V STRIP	LONG RUN 24V	240V STRIP
• Low Current (uses half the current of 12V/USB Strip) • Up to 5m	• Up to 20m with no voltage drop • Up to 40m when powered with transformers from both ends	• Ideal for long distances with consistent output and low heat • Best for 10m+ runs • Single colour - Up top 50m RGB - Up to 35m

COLOUR

RGB	CCT	SINGLE COLOUR
• Millions of colours • White is less natural as it's created by combining RGB	• Adjustable white light between warm 2700k - cool 6500k	• Consistent, high quality white output • 2700k, 3000k, 4000k, 5500k

BRIGHTNESS

LUMENS	EFFICIENCY	DIMMERS
• Brightness is measured in Lumens • Higher Wattage/power rating = higher light output	• Strip lights with high efficiency above 150 Lumens/watt = more light, less power	• Dims to <5% • Improves energy efficiency

CONTROLLERS

SINGLE COLOUR	CCT	RGB
• Controls brightness 1-100% • No controllers required (dimming optional)	• Controls brightness 1-100% • Required for adjusting colour temperature. Controls CCT 2700-6500k	• Controls brightness 1-100% • Controls colour selection • Controls Saturation

QUALITY

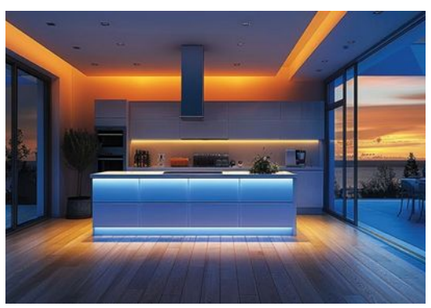
SMOOTH DOTLESS FINISH	TRUE COLOUR	STRENGTH
• Higher LED Density = Smoother, dot-free appearance • Chip design and edging can prevent light separation	• The higher CRI (90+) = better colour accuracy	• Stronger PCB (10mm) can handle more current than 5mm PCB • 3OZZ (3xPCB copper layers) is 3 x stronger than single layer • Improved durability

LONG LIFESPAN	HIGH EFFICIENCY	DURABILITY / IP RATING
• Longer lifespan and warranties up to 5years	• Higher efficiency = lower heat and power consumption • 24V uses less heat and current than 12V	• Advanced coatings for weather protection rating and strength

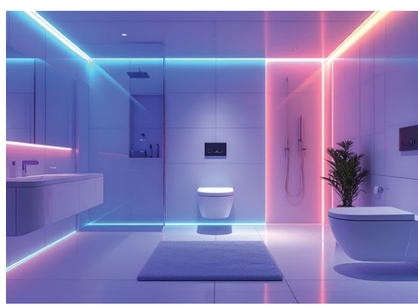
CHANNELS

Channels are normally required as a heat-sink, longer lifespans and for neater finished installations

ALUMINIUM CHANNELS	RECESS/SURFACE MOUNTED	DIFFUSERS
• Improves aesthetics and appearance • Improves heat dissipation & lifespan • See back page for profile options	• Available in recessed or surface mounted options • Finishes in aluminium, black and white	• Reduces glare and create a uniform light • Available in white and black







240V
STRIP LIGHTING





24V - 7.5W/m
LONG RUN

BEST FOR

Long runs and large areas.

APPLICATIONS

Recess ceilings

APPLICATIONS

IP67 Option: Outdoors Wall features

Cabinetry Joinery

Recess ceilings

BEST FOR

Versatility,
Long runs and large areas.

ADVANTAGES

- Up to 50m continuous runs with one power supply
- Even brightness and colour throughout
- No transformer required
- Low heat, eliminates the need for aluminium channels
- Less wiring
- Low heat, strong TPU coating
- RGB - Full colour control and dimming with choice of remote
- SINGLE COLOUR - Triac Dimmable
- RGB Gateway or Smart Dimming modules to enable Smart Control

ADVANTAGES

- COB Dot-less Strip
- Up to 20m single feed with no voltage drop
- Up to 40m with dual feed (transformers on either side)
- Thin, flexible and easy to install
- Easy to add connectors for short lengths and no waste (up to 4m)
- Low power consumption (7.5W/m)
- IP20 and IP67 Silicon injected option

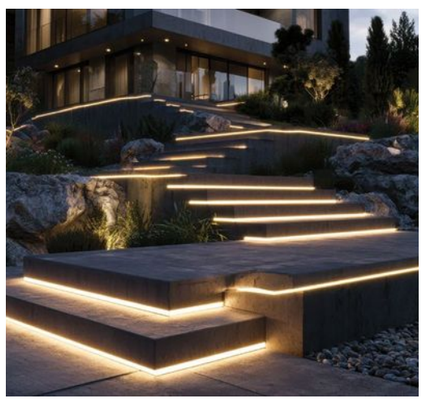
240V IP65	RGB	3000k	4000k	6000k

24V IP67 7.5W/m Long Run	3000k	
24V IP20 7.5W/m Long Run	3000k	4000k





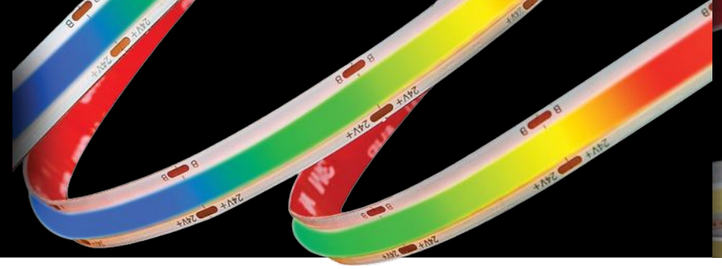


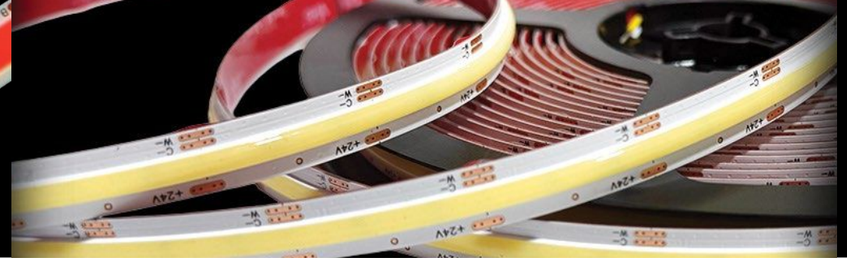






24V
RGB COB





24V
CCT COB

BEST FOR

High output,
dot-less full colour

APPLICATIONS

Small
Recess areas

Under-kitchen cabinets cabinetry,
bars, shelving, bulkheads

APPLICATIONS

Cabinetry,
shelving, bulkheads

BEST FOR

Adjustable white lighting

ADVANTAGES

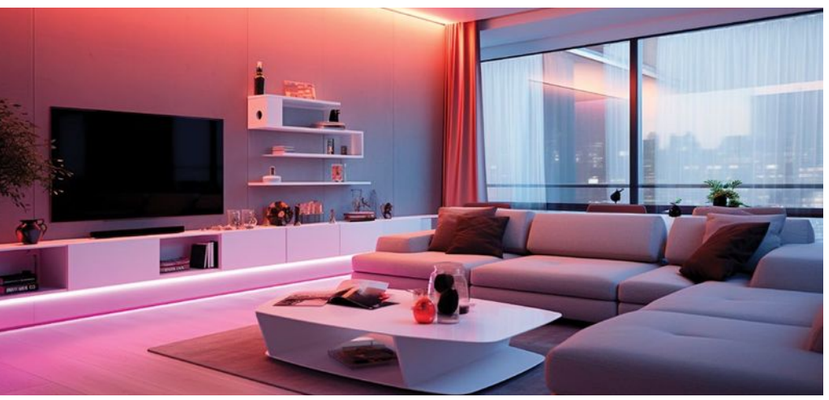
- Very bright, dot-less, full colour output
- Premium feature lighting performance
- Good cool white option using RGB white
- Suitable for 5m (single feed)
- Up to 10m dual feed (both ends connected to transformers)
- Easy to add connectors for short lengths and no waste (up to 2m)
- High power 16W/m
- Requires aluminium profile
- Options - IP20 16W/m / IP65 15W/m with heat-shrink

ADVANTAGES

- Very bright dot-less light
- Adjustable from warm white to cool white (2700k - 6500k)
- Suitable for 5m (single feed)
- Up to 10m dual feed (both ends connected to transformers)
- Easy to add connectors for short lengths and no waste (up to 2m)
- High power 16W/m
- Requires aluminium profile

24V RGB IP20 COB 16W/m	RGB
24V RGB IP65 COB 15W/m	RGB

CCT COB 16W/m IP20	2700K-6000k
CCT COB 16W/m IP65	2700-6000k









24V
High Density SMD





24V
High Lumen, Display SMD

BEST FOR

Long efficiency & Lifespan
Wet areas

APPLICATIONS

Small bathroom niches

Under-kitchen cabinets cabinetry, bars, shelving, bulkheads

ADVANTAGES

- Very efficient , bright strip lighting
- Long lifespan up to 50,000 + hours lifespan
- 3 Oz High quality, very strong strip light
- Suitable for 5m (single feed)
- Up to 10m dual feed (both ends connected to transformers)
- Easy to add connectors for short lengths and no waste (up to 4m)
- Bathroom niches and small lengths- 20W/m recommended
- Under kitchen cabinets - 12W/m recommended
- Dot-less in aluminium profile and diffuser

24V High Lumen SMD IP65/IP20 12W/m	2700k	3000k	4000k	5700k
24V High Lumen SMD IP65/IP20 20W/m			4000k	5700k

APPLICATIONS

Cabinetry, bars, shelving, bulkheads

Commercial Displays & Retrofitting

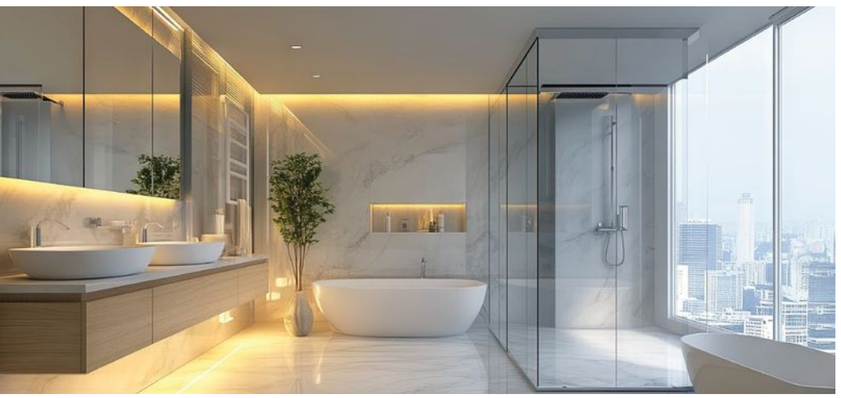
BEST FOR

High brightness & colour accuracy
High efficiency

ADVANTAGES

- Display grade: Ultra bright up to 3800 Lumens/m
- 240 LEDs per metre
- **CRI 90+ High colour accuracy** for accurate display lighting
- Seamless/dotless light which gives excellent light quality
- Suitable for specialised retrofitting
- Long lifespan
- High efficiency 165 Lm/W

24V High Lumen High Colour SMD IP20 /IP65 23W/m	4000k	5700k









24V
Neon / SPI



Quick
Reference Chart

BEST FOR

Architectural & Signage lighting

APPLICATIONS

- Food Trucks & Signage
- Commercial & Architecture
- Feature Walls

ADVANTAGES

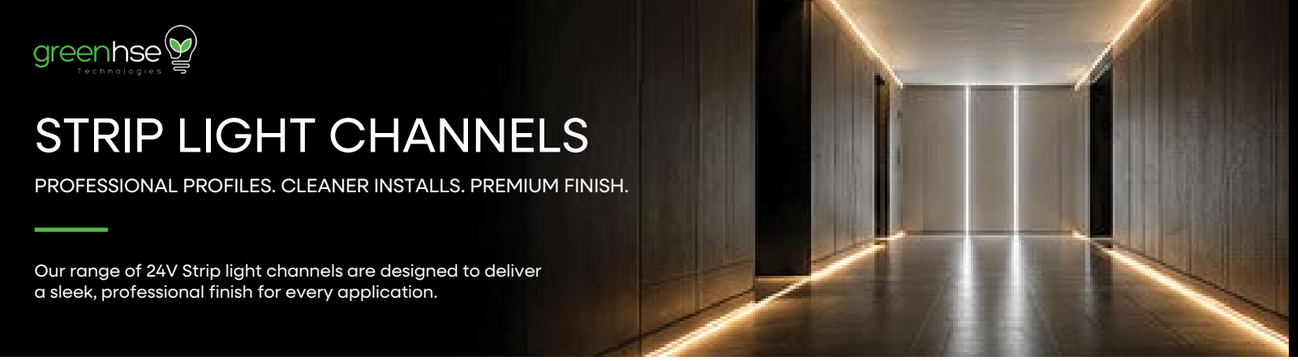
- Full programmable colour strip lighting
- Flexible and durable
- Suitable for 5m (single feed)
- Up to 10m dual feed (both ends connected to transformers)
- Data Cable can connect multiple strips together
- Bluetooth Control (No WiFi required)
- 6X12mm / 12x12mm Aluminium support profile

NEON IP67 CCT 6x12mm Side Bend	RGB	2700-6000k
NEON IP67 12x12mm Side Bend	Magic RGB SPI	
RGBW SPI 120LED/m IP54	RGB	4000k





240V IP65	RGB	3000k	4000k	6000k
24V IP67 Long Run 7.5W/m	3000k	Long Run	Outdoors	
24V IP20 Long Run 7.5W/m	3000k	4000k	Long Run	
24V RGB IP20 COB 16W/M	RGB	Full Colour		
24V RGB IP65COB 15W/M	RGB	Full Colour	Outdoors	
COB IP20 16W/m	2700-6000k	White Adjustable		
COB IP65 16W/m	2700-6000k	White Adjustable	Outdoors	
24V High Lumen SMD IP65/IP20 12W/m	2700k	3000k	4000k	5700k
24V High Lumen SMD IP65/IP20 20W/m	4000k	5700k		
24V High Lumen High Colour SMD IP20/IP65 23W/m	4000k	5000k	HIGH CRI	
NEON IP67 CCT 6x12mm Side Bend	RGB	2700-6000k	Full Colour	White Adjustable
NEON IP67 12x12mm Side Bend	Magic RGB SPI	Full Colour	Outdoors	
RGBW SPI 120LED/m IP54	RGB	4000k	Full Colour	White



STRIP LIGHT CHANNELS

PROFESSIONAL PROFILES. CLEANER INSTALLS. PREMIUM FINISH.

Our range of 24V Strip light channels are designed to deliver a sleek, professional finish for every application.

BUILT TO PERFORM
High quality aluminium profiles designed for durability, heat dissipation and a premium finish

PERFECT FINISH
Achieve a seamless, professional look for every project

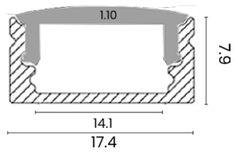
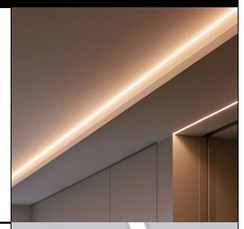
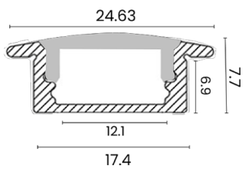
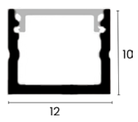
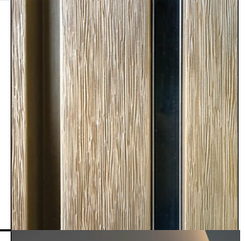
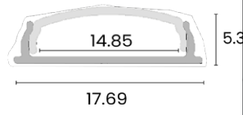
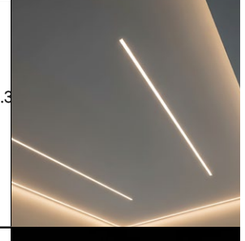
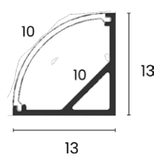
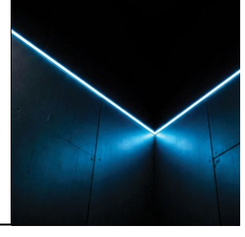
NEED HELP
Our team is here to help you select the right profile for your project

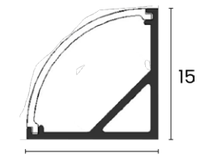
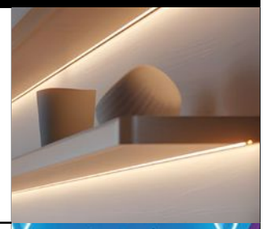
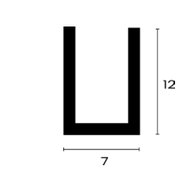
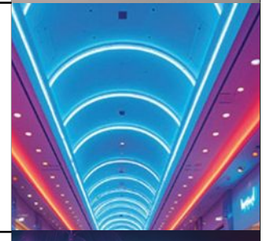
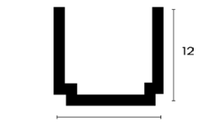
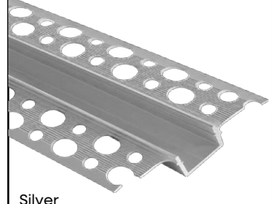
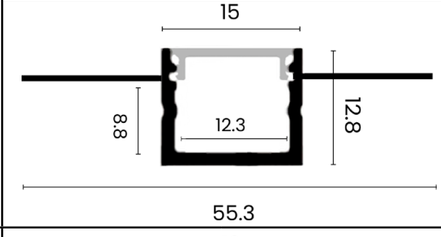
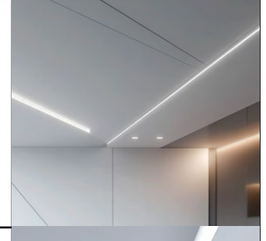
QUICK CHANNEL GUIDE

- **SURFACE** — General Purpose
- **WING** — Flush / plaster installations
- **MINI** — Compact Installations
- **CORNER** — 45° Illumination
- **THIN** — Low-profile applications
- **NEON** — Flexible architectural lighting

OPTIMAL HEAT MANAGEMENT. LONGER LED LIFE.

Our aluminium channels help dissipate heat to protect your LED strip and extend its lifespan — backed by an extended 5-year warranty when correctly installed by a licensed electrician.

PROFILE	AVAILABLE FINISHES			DIMENSIONS	
24V SURFACE 3m	 Silver with White Cover	 White with White Cover	 Black with White Cover		
24V WING 3m	 Silver with White Cover	 White with White Cover	 Black with Black /White Cover		
24V MINI 3m	 Silver with White Cover	 Silver with Black Cover			
24V THIN 3m	 Silver with White Cover				
24V MINI CORNER 3m	 Silver with White Cover				

PROFILE	AVAILABLE FINISHES		DIMENSIONS	
24V CORNER 3m	 Silver with White Cover			
NEON NEON FLEX 6mmx12mm 3m	 Silver			
NEON NEON FLEX 12mmx12mm 3m	 Silver			
SPECIALITY GYPROCK 3m	 Silver			
SPECIALITY GYPROCK CORNER 3m	 Silver		