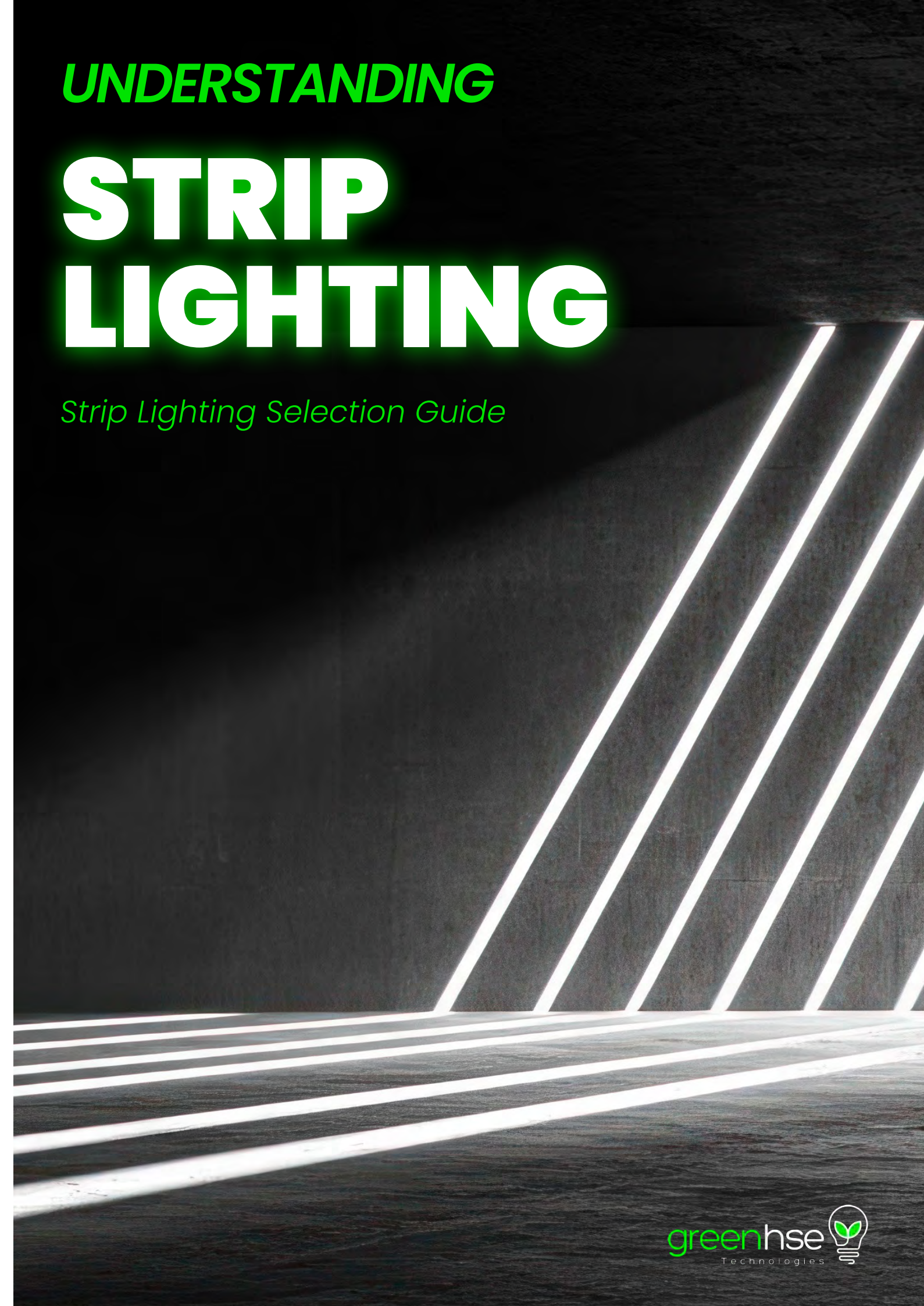


UNDERSTANDING STRIP LIGHTING

Strip Lighting Selection Guide

CHANNEL PROFILE	PRODUCT SPECIFICATIONS		
CORNER 90° 3m Silver			
RECESS 3m Black / White / Silver			
RECESS WING 3m Black / White / Silver			
SURFACE RECTANGLE 3m Black / White / Silver			
BLACK COVER CHANNEL 3m Black + Black cover	 		
THIN CHANNEL 3m Silver			






UNDERSTANDING STRIP LIGHTING




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
<ul style="list-style-type: none"> Low Current (uses half the current of 12V/USB Strip) Up to 5m 	<ul style="list-style-type: none"> Up to 20m with no voltage drop Up to 40m when powered with transformers from both ends 	<ul style="list-style-type: none"> Ideal for long distances with consistent output and low heat Best for 10m+ runs Up to 50m




COLOUR

 RGB	 CCT	 SINGLE COLOUR
<ul style="list-style-type: none"> Millions of colours White is less natural as it's created by combining RGB 	<ul style="list-style-type: none"> Adjustable white light between warm 2700k - cool 6500k 	<ul style="list-style-type: none"> Consistent, high quality white or colour output (e.g. 3000k/4000k/5000k)

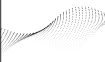





BRIGHTNESS

 LUMENS	 EFFICIENCY	 DIMMERS
<ul style="list-style-type: none"> Brightness is measured in Lumens Higher Wattage/power rating = higher light output 	<ul style="list-style-type: none"> Strip lights with high efficiency above 150 Lumens/watt = more light, less power 	<ul style="list-style-type: none"> Dims to <5% Improves energy efficiency



CONTROLLERS

 SINGLE COLOUR	 CCT	 RGB
<ul style="list-style-type: none"> No controllers required (dimming optional) 	<ul style="list-style-type: none"> Required for adjusting colour temperature 	<ul style="list-style-type: none"> Required for colour and brightness control

QUALITY

 SMOOTH FINISH	 TRUE COLOUR	 STRONG
<ul style="list-style-type: none"> Higher LED Density = Smoother, dot-free appearance Chip design and edging can prevent light separation 	<ul style="list-style-type: none"> The higher CRI (90+) = better colour accuracy 	<ul style="list-style-type: none"> Stronger PCB (10mm) can handle more current than 5mm PCB 3OZZ (3xPCB copper layers) is 3 x stronger than single layer Improved durability
 LONGER LIFESPAN	 HIGHER EFFICIENCY	 DURABLE
<ul style="list-style-type: none"> Longer lifespan and warranties up to 5years 	<ul style="list-style-type: none"> Higher efficiency = lower heat and power consumption 24V uses less heat and current than 12V 	<ul style="list-style-type: none"> Advanced coatings for weather protection rating and strength

CHANNELS


 ALUMINIUM CHANNELS	RECESS/SURFACE MOUNTED	 DIFFUSERS
<ul style="list-style-type: none"> Improves aesthetics and appearance 	<ul style="list-style-type: none"> Available in recessed or surface mounted options Finishes in aluminium, black and white 	<ul style="list-style-type: none"> Reduces glare and create a uniform light



WHICH STRIP LIGHTING WILL SUIT MY APPLICATION?

Each strip light is defined by its performance strengths, limitations, and recommended applications.


240V STRIP LIGHTING

BEST FOR LONG RUNS AND LARGE AREAS	
APPLICATION	<ul style="list-style-type: none"> • Recess ceilings
 ADVANTAGES	<ul style="list-style-type: none"> • 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

TYPE	240V IP 65			
COLOUR	RGB	3000k	4000k	6000k



LONG RUN 24V

BEST FOR LONG RUNS AND LARGE AREAS	
APPLICATION	<ul style="list-style-type: none"> • Cabinetry, balustrades, hidden recess • IP67 Option for outdoor gardens, floating steps, wall features, under decks etc.
 ADVANTAGES	<ul style="list-style-type: none"> • COB Dotless 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


TYPE	24V IP20 Long run	24V IP67 (3000k only) Long run	
COLOUR	3000k IP20	3000k IP67	4000k IP20



WHICH STRIP LIGHTING WILL SUIT MY APPLICATION?

Each strip light is defined by its performance strengths, limitations, and recommended applications.

24V RGB COB


HIGH-OUTPUT, DOT-LESS FULL COLOUR	
APPLICATION	<ul style="list-style-type: none"> Under kitchen cabinets, Cabinetry, Bars, Bulkheads or small recess areas, Shelving
 ADVANTAGES	<ul style="list-style-type: none"> 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

TYPE	24V RGB IP20 COB 16W/m	24V RGB COB IP65 15W/m
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COLOUR	RGB
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24V CCT COB

BEST FOR ADJUSTABLE WHITE LIGHTING	
APPLICATION	<ul style="list-style-type: none"> Cabinets, shelving, bulkheads
 ADVANTAGES	<ul style="list-style-type: none"> 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

TYPE	CCT COB 16W/m IP20
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COLOUR	CCT
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HIGH DENSITY RGB STRIP LIGHTING 24V

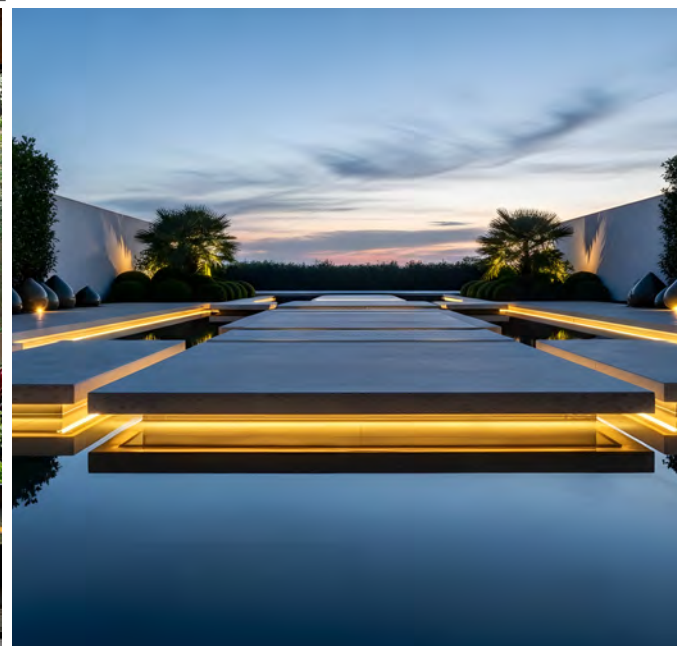
24V RGB SMD

BEST FOR OUTDOOR COLOUR APPLICATIONS

APPLICATION	<ul style="list-style-type: none"> Outdoor areas, exterior features, waterfall or pool areas
 ADVANTAGES	<ul style="list-style-type: none"> High density, very bright, stable, full colour lighting Durable, weather resistant options No aluminium profile required Suitable for 5m (single feed) Up to 10m dual feed (both ends connected to transformers) High power 16W/m

TYPE	24V RGB SMD IP67 16w/m
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COLOUR	RGB
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HIGH DENSITY DISPLAY STRIP LIGHTING 24V - 23W/m ; 20W/m ; 12W/m

ULTRA BRIGHT ~3800 Lm/m • HIGH COLOUR ACCURACY CRI 90+ • HIGH EFFICIENCY 165 Lm/W

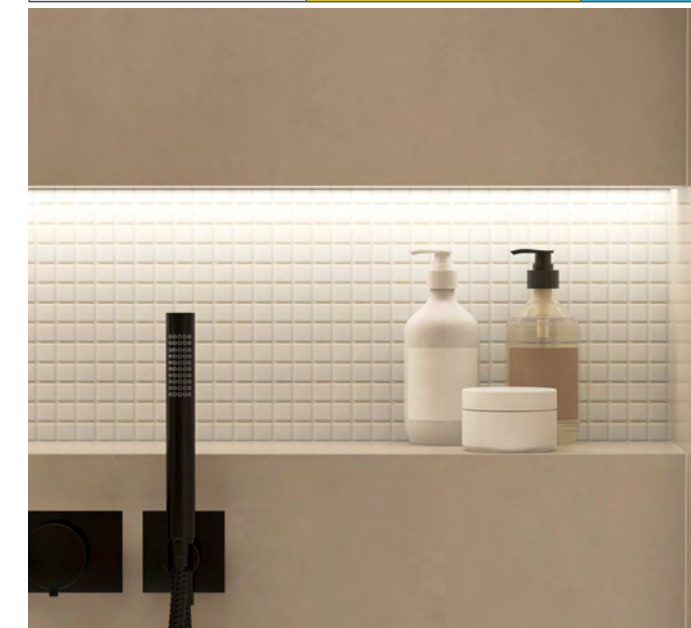
24V HIGH LUMEN SMD

BEST FOR LONG EFFICIENCY AND LONG LIFESPAN

APPLICATION	<ul style="list-style-type: none"> Under kitchen cabinets 12W/m recommended, c Cabinetry, bars, bulkheads or small recess areas, shelving Bathroom niches - small lengths 20W/m recommended Display lighting IP20 CRI 90
 ADVANTAGES	<ul style="list-style-type: none"> Very efficient, bright strip lighting High CRI (>90) for display lighting Long lifespan up to 50,000+ hours lifespan 3 Oz High quality, very strong strip light 12W/m does not require aluminium channel 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)

TYPE	24V High Lumen 23W/m SMD IP20	24V High Lumen 23W/m SMD IP65	24V High Lumen 20W/m SMD IP20	24V High Lumen 20W/m SMD IP65	24V High Lumen 12W/m SMD IP65
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COLOUR	4000k	5000k
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NEON LIGHTING

NEON IP67

BEST FOR ARCHITECTURAL AND SIGNAGE LIGHTING

APPLICATION	<ul style="list-style-type: none"> • Food trucks, and Signage (12x12mm recommended) • Ceiling profiles and feature walls • Commercial shop fitting installation
 ADVANTAGES	<ul style="list-style-type: none"> • 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) • 12x12mm Aluminium support profile

TYPE/COLOUR	NEON IP67 12x12mm Side Bend	RGB		
TYPE /COLOUR	NEON IP67 6x12mm Side Bend	RGB	CCT	3000K



QUICK REFERENCE CHART

TYPE	COLOUR			
240V IP65	RGB	3000k	4000k	6000k
24V LONG RUN	3000K IP20	3000K IP67	4000K IP20	
24V RGB COB	16W/m IP20 RGB	15W/m IP65 RGB		
24V CCT COB	16W/m IP20 CCT			
24V 2700k COB	12W/m IP20 2700k			
24V RGB SMD IP67	16W/m IP67 RGB			
24V High Lumen 23W/m SMD	23w/m IP20 4000k	23w/m IP20 5000k		
24V High Lumen 20W/m SMD IP65	20w/m IP20 4000k	20w/m IP20 5000k		
24V 12W/m SMD IP65	12W/m IP65 2700k	12W/m IP65 3000k	12W/m IP65 4000k	12W/m IP65 5500k
NEON IP67 12x12mm Side Bend	12 x 12 MAGIC RGB			
NEON IP67 6x12mm Side Bend	6 x 12 MAGIC RGB	6 X 12 CCT	6 X 12 Warm 3000k	