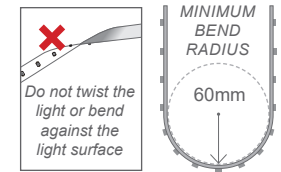
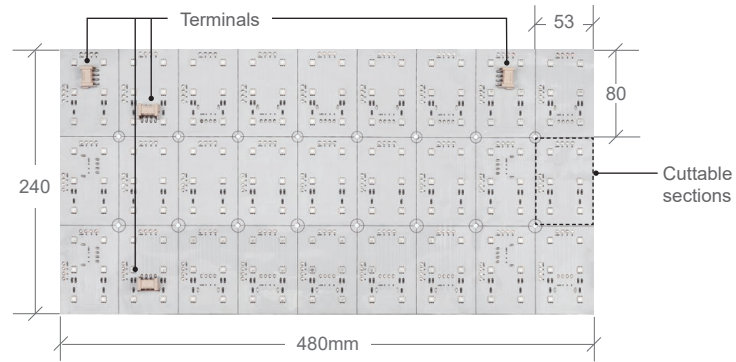


**FLEX TILE | RGB**

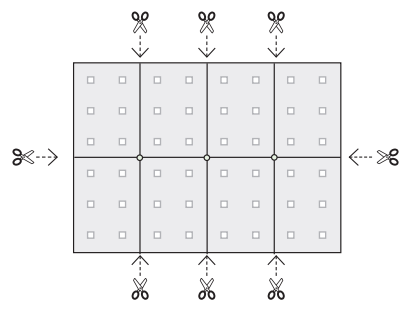
COLOUR	CODE	LUMENS
RGB	BL-SS-2000-RGB	665lm
COLOUR VARIANCE +/- 200K ELECTRICAL & OPTICAL DATA VARIANCE +/- 10% SOLD PER SHEET		
WATTAGE / SHEET	18W	
INPUT VOLTS	24V DC constant voltage	
OPERATING TEMP.	-25°C ~ +45°C	
MAX. SHEETS PER CIRCUIT	10	
BEAM ANGLE	120°	
SOURCE LIFE	35,000 hours	
WARRANTY	5 years	
DIMENSIONS	W240 × L480mm sheet <i>Sheets are made up by smaller cuttable sections</i>	
MOUNTING	3M adhesive backing and provision for screw mounting	
INGRESS PROTECTION	IP20 indoor use only	
CONTROL	Dimmable by PWM signal	



**APPLICATION**  
Ideal for ceiling lighting features or light boxes (min depth 40mm).

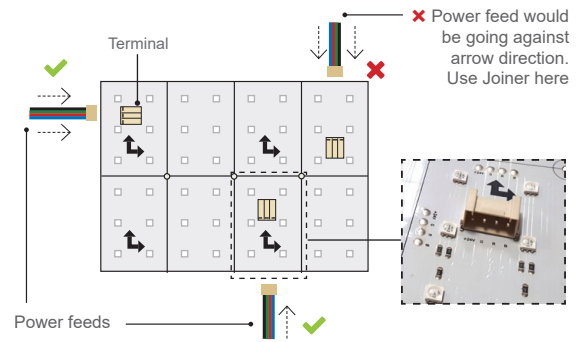
**CUT**

Flex Tile is very versatile and can be cut at the section edge lines to make up just about any shape. For easy connection, ensure cut pieces have fitted Terminals for joiners and/or power feed (depending on use)



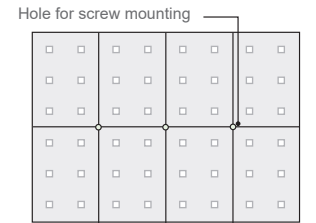
**POLARITY**

The printed arrows on Flex Tile sheets refer to the polarity. Power feed must be inserted in either of the arrow directions when plugged into terminal.



**MOUNTING**

Fix using either 3M backing tape or screw mount through holes



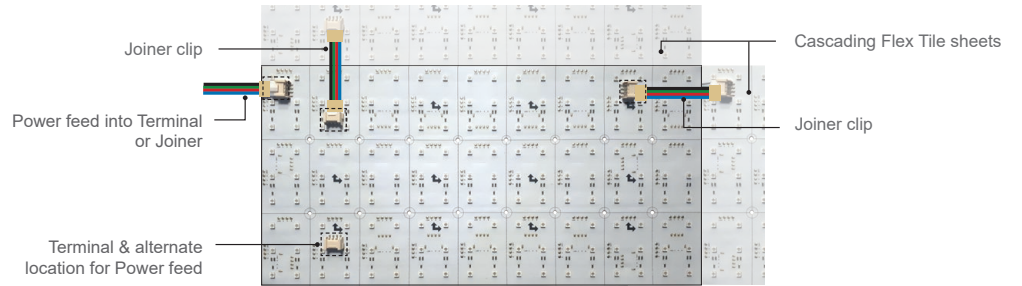
**EASY CONNECT TERMINALS**

Each sheet comes with 4 × terminals which allow the easy connection of cascading sheets with the use of joiner clips (ensure the correct ensuring the correct +24V, G, R, B polarity).

Each individual sheet (or up to a maximum of 10 cascading sheets) require a single Power feed.

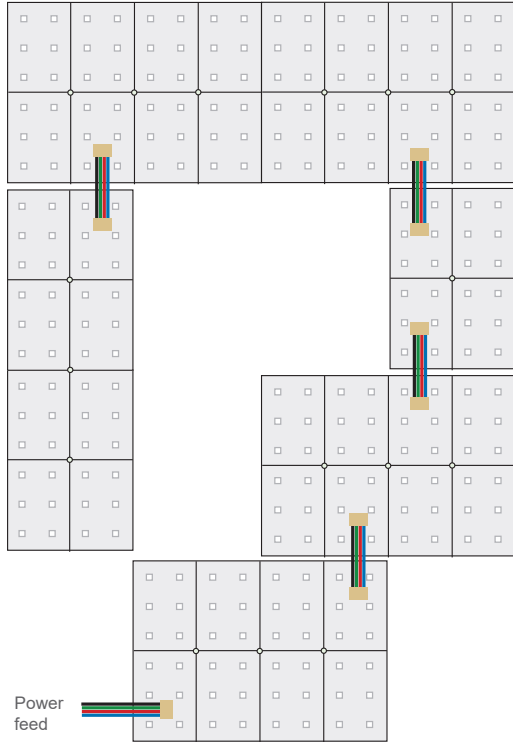
Connect Power feed to Terminal - going with the arrow direction, as shown under 'Polarity'.

See overleaf for 'Custom Connections'



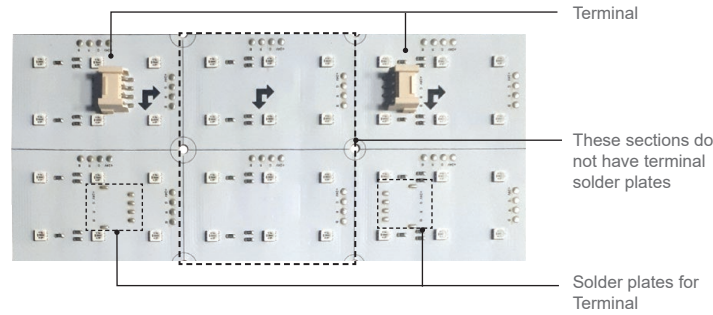
**CUSTOM CONNECTIONS**

Flex Tile sheets can be cut and joined to create virtually any shape.



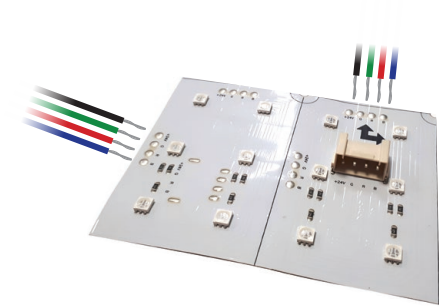
**CUSTOM CONNECTIONS - MOVING A TERMINAL**

Terminals can be moved or added by soldering on different Flex Tile sections (wherever solder plates are available). Additional Terminals are available separately.

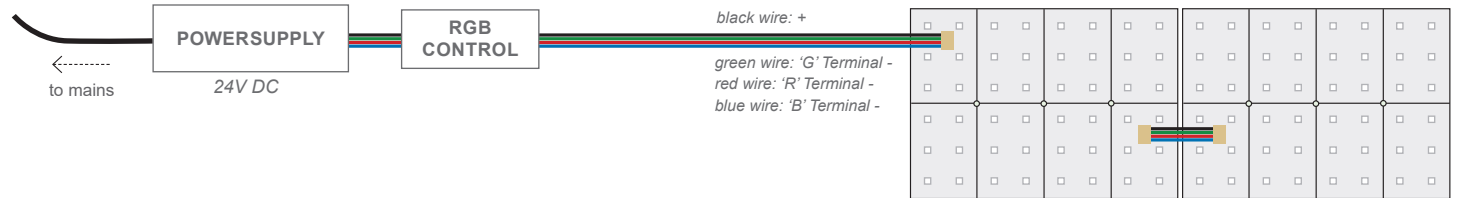


**CUSTOM CONNECTIONS - SOLDERING WIRE DIRECTLY TO SHEET**

Sheets also have traditional solder pads on two edges for directly joining or powering Flex Tile sheets with suitable cable. Scratch off solder pad top coating, then solder wires onto solder pads (ensuring the correct +24V, G, R, B polarity). *Bright Light recommend all electrical work to be carried out by a registered electrician.*



**WIRING DIAGRAM**



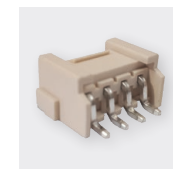
**ACCESSORIES**

CODE	DESCRIPTION
BL-SS-2000-AC-10	FLEX TILE JOINER CLIP (RGB) 82MM
BL-SS-2000-AC-6	FLEX TILE TERMINAL (RGB)
BL-SS-2000-AC-3	FLEX TILE POWER FEED (RGB) 200MM

ACCESSORIES SOLD INDIVIDUALLY



BL-SS-2000-AC-10



BL-SS-2000-AC-6



BL-SS-2000-AC-3