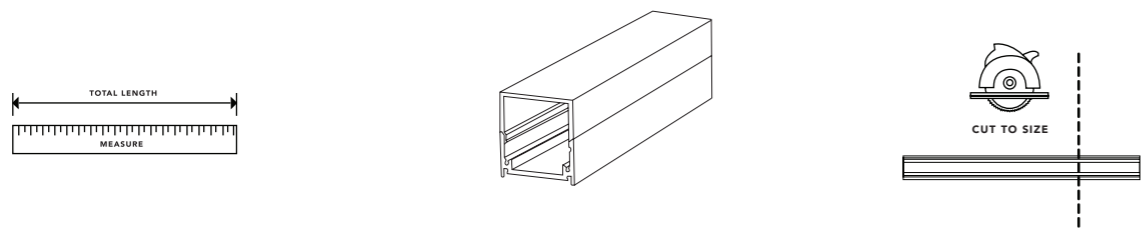




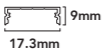


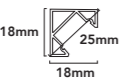


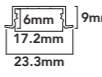


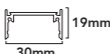


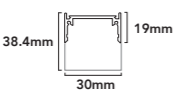
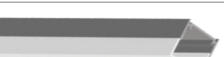

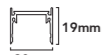


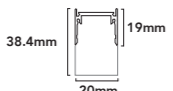

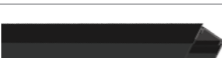
LED Strip Composition Guide

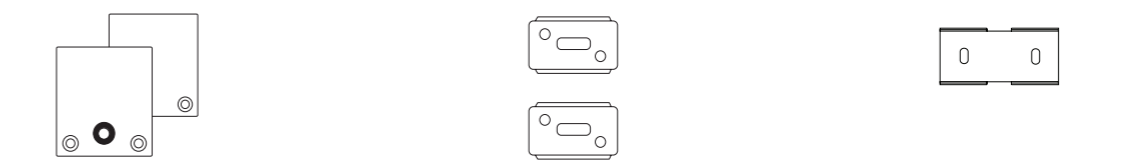
There are many factors to consider when it comes to selecting and composing LED strip. Refer to the following guide to help you ensure your LED strip configuration is selected correctly.



Step 1.	Step 2.	Step 3.
Determine the length of the space.	Determine which LED strip profile you require.	Your required length is cut to size.
Selection One - LED Strip Profile		
Steps	Factors to Consider	
1. Determine the length of the space.	The total width and length of the space required for the profile. Whether the connectors will need to be included in the space.	
2. Determine which LED strip profile you require.	If you require a recessed, straight or angled profile for that particular space. Whether you require a darker or lighter version of the profile. If you require light in one direction or in several. (Dependant on size selection)	
3. Your required length is cut to size.	The total length of the LED strip and connectors within the profile (Please allow 15mm for the solder connection). Please allow 4mm for inclusion of the End Caps. Ensure your length is correct.	

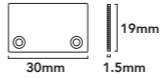
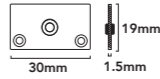
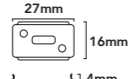
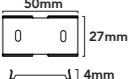
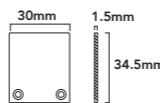
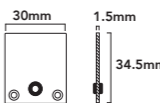
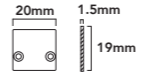
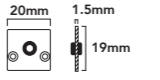
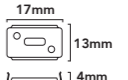
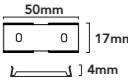
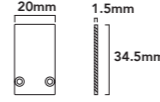
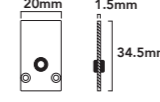
LED Strip Profile Selection

Accessory	Dimensions	Finishes		Standard Length
Fusion S17 Profile and Diffuser	 17.3mm x 9mm			2000mm
Fusion A25 Profile and Diffuser	 18mm x 25mm x 18mm			2000mm
Fusion R23 Profile and Diffuser	 17.2mm x 9mm x 6mm x 23.3mm			2000mm
Fusion S30 Profile and Diffuser	 30mm x 19mm			2000mm
Fusion H30 Profile and Diffuser	 38.4mm x 19mm x 30mm			2000mm
Fusion S20 Profile and Diffuser	 20mm x 19mm			2000mm
Fusion H20 Profile and Diffuser	 38.4mm x 19mm x 20mm			2000mm



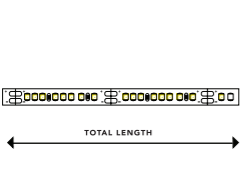
Step 4.	Step 5.	Step 6.
Determine which end caps you will require.	Select mounting clips, if required.	Determine if you will need joining clips and how many you will require.
Selection Two - LED Strip Profile Accessories		
Steps	Factors to Consider	
4. Determine which end caps you will require.	Whether you require a closed end cap or an end cap which allows the wiring to run through.	
5. Select mounting clips, if required.	The total length of the LED strip profile and how many mounting clips will be required to safely mount that length. We recommend 2 mounting clips per meter.	
6. Determine if you will need joining clips and how many you will require.	The total length you require of your LED strip profile, compared to the total length the LED strip profile is available in (2m).	

LED Strip Profile Accessories

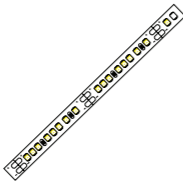
LED Strip Type	Accessories			
Fusion S17 Profile and Diffuser	All Fusion S17, A25 and R23 Profiles are supplied with mounting clips and standard end caps.			
Fusion A25 Profile and Diffuser				
Fusion R23 Profile and Diffuser				
Fusion S30 Profile and Diffuser	 30mm x 1.5mm End Cap	 30mm x 1.5mm O-End Cap	 27mm x 16mm x 4mm Surface Mounting Clip	 50mm x 27mm x 4mm Joining Clip
Fusion H30 Profile and Diffuser	 30mm x 1.5mm x 34.5mm End Cap	 30mm x 1.5mm x 34.5mm O-End Cap		
Fusion S20 Profile and Diffuser	 20mm x 1.5mm x 19mm End Cap	 20mm x 1.5mm x 19mm O-End Cap	 17mm x 13mm x 4mm Surface Mounting Clip	 50mm x 17mm x 4mm Joining Clip
Fusion H20 Profile and Diffuser	 20mm x 1.5mm x 34.5mm End Cap	 20mm x 1.5mm x 34.5mm O-End Cap		



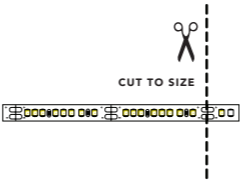
LED Strip Composition Guide
(Continued)



Step 7.
Determine the length of LED strip you will require.



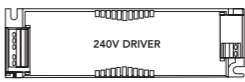
Step 8.
Determine which LED strip you require.



Step 9.
Your required length is cut to size.



Step 10.
Supply the amount of LED strip connectors you will require.



Step 11.
Determine the driver you require.

Selection Three - LED Strip

Steps	Factors to Consider
7. Determine the length of LED strip you will require.	Whether the LED strip connectors will need to be included within the space/LED strip profile.
8. Determine which LED strip you require.	How much power and light output you will require for your space. The total length in which the LED strip can run and how much you will require in comparison.
9. Your required length is cut to size.	Ensure your length is correct.
10. Decide on the amount of LED strip connectors you will require.	Total length of LED strip you are using and how many connectors you will need.

Selection Four - Driver

Steps	Factors to Consider
11. The connectors you require will be supplied.	There is one connector per join. All end connections are soldered and ready for on-site installation.
12. Determine the driver you require.	The wattage you will require. Whether you require Bluetooth compatability.

Faze LED Strip Selection

Cut to Length Fusion LED Strip

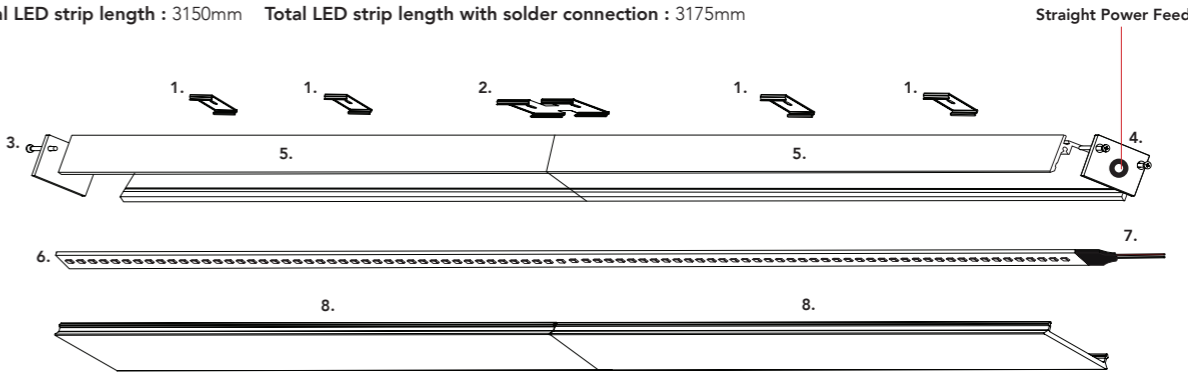
Strip Type	Wattage	Lumens 3000K	Lumens 4000K	Cutting Increments	Maximum Run Length	Dimensions
Fusion LED strip PCB 120 (IP20)	5W	490 lm	500 lm	50mm	25m	10mm
Fusion LED strip PCB 120 (IP20)	10W	950 lm	980 lm	50mm	20m	10mm
Fusion LED strip PCB 120 (IP20)	15W	1420 lm	1450 lm	50mm	15m	10mm
Fusion LED strip COB 480 (IP20)	5W	502 lm	542 lm	50mm	5m	10mm
Fusion LED strip COB 480 (IP20)	10W	997 lm	1107 lm	50mm	5m	10mm
Fusion LED strip COB 480 (IP20)	15W	1492 lm	1646 lm	50mm	5m	10mm

Sample Configuration

Below is a sample configuration for a 3.2m profile length, using Fusion LED strip 10W, Fusion S30 profile and a straight power feed.

Total Length (Including profile, end cap and O end cap) : 3200mm

Total LED strip length : 3150mm Total LED strip length with solder connection : 3175mm



Component	Dimensions	Component Description
1. Mounting Clip	2 x (width 16mm x height 4mm x length 27mm)	Designed for a seamless mounting of the profile to any surface.
2. Joining Clip	1 x (width 27mm x height 4mm x length 50mm)	Designed for seamless joining of profile lengths.
3. End Cap	1 x (width 30mm x height 19mm x length 2mm)	A standard End Cap for closing off the profile.
4. O End Cap	1 x (width 30mm x height 19mm x length 4mm)	The O end cap is designed with a rubber O seal, for a straight connection feed to safely run out of the profile.
5. Fusion S30 Profile	2 x (width 30mm x height 19 mm x length 1598mm)	Extruded aluminium designed to house the LED strip.
6. 10W Fusion LED Strip	1 x (width 10mm x height 2mm x length 3150mm)	High quality PCB LED strip.
7. Solder Connection	1 x (width 10mm x height 2mm x length 15mm)	A durable connection, soldered locally and ready for on-site installation.
8. Opal Diffuser	2 x (width 30mm x height 4 mm x length 1598mm)	Diffused material designed to reduce glare and conceal LED strip.