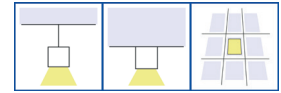


FLATLINE UGR19

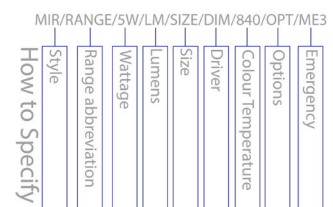
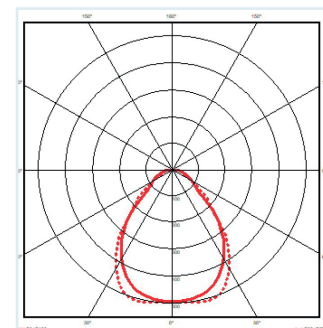


The FLATLINE UGR19 is the latest in energy efficient modular lighting providing a low glare lighting solution to the workplace. Suitable for offices, open area offices, retail outlets, corridors and amenity areas.

Panel depth of only 8.5mm enables installation into extremely shallow ceiling void.

- A lumen output of 3049-4447lm
- Colour Temperatures: 3000k - 4000k - 6500k
- Colour: White (/WH)
- Available with Dimming (/STD/DALI/SDIM/MDIM)
- Wireless Control (/WI)
- Available with Emergency (/ME3/ME3-ST/ME3-PRO)
- Wireless Emergency (/ME3-WI)
- Exposed Tee ceilings, Spring Tee and other ceiling options
- Mountings: Recessed panel as standard, Wire suspended or Surface mounted (/WS/SM)
- Diffuser Options: UGR19 (/UGR19)
- Uniform illuminance across the micro prismatic diffuser
- Dimensions: (Length x Width) 600 x 600mm
- Depth without driver 8.5mm, Depth with driver 42mm
- 600 x 605 x 50mm (with surface mounting frame) (/SM)
- Refer to page 120 & 121 for ceiling system options

Product	MIR/FLT-UGR19 Recessed LED Modular				
Light Source	LED				
System Power Luminaire lumens (4000K)	/23.2W 3049lm	/31.6W 4017lm	/35.9W 4447lm		
Size Cut-Out	/66 600 x 600mm 594 x 594mm				
Driver	/STD Non Dimming	/DALI DALI Dimming	/SDIM Switch Dimming	/MDIM Mains Dimming	/WI Wireless Control
Colour Temperature	/830 3000k		/840 4000k		/865 6500k
Colour	/WH White				
Diffuser Options	/UGR19 UGR19 Diffuser				
Emergency	/ME3 Three hour main- tained emergency	/ME3-ST Three hour maintained self test emergency	/ME3-PRO Three hour DALI addressable emergency		/ME3-WI Three hour Wireless addressable emergency
To Specify: FLATLINE UGR19 LED, 23.2W, 4000k, 3049lm LED modular recessed finished white supplied complete with DALI control gear and UGR19 diffuser. Part code: MIR/FLT-UGR19/23.2W/3049lm/66/DALI/840/WH/UGR19					



Recessed

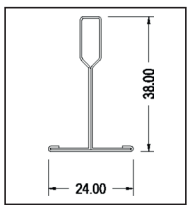
Ceiling System Options

General Features

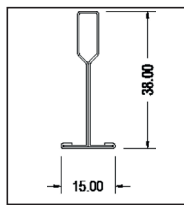
MID Lighting are able to offer recessing brackets for a variety of different sizes and ceiling tile styles for the range of recessed luminaires. We have successfully designed, manufactured and supplied these brackets to a multitude of projects, including W5 Regent Street, South Thames College and many more projects.

Exposed Tee

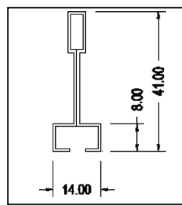
The most common ceiling system available in 15mm or 24mm widths with other widths available. Please ensure the correct tee width and height is specified as different manufacturers supply different height tee sections. Luminaires are generally designed to lift & tilt onto the exposed tee bar but other support methods including side arm brackets or drop rods can also be specified if required.



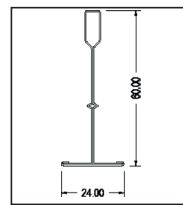
Typical 24mm Tee



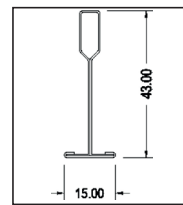
Typical 15mm Tee



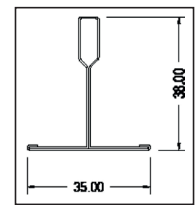
Ecophon Focus Ebx



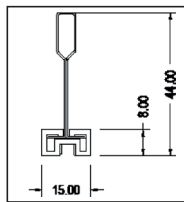
Armstrong Prelude
24 Sixty



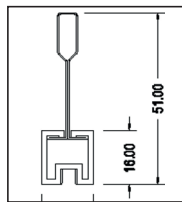
Armstrong Prelude
15



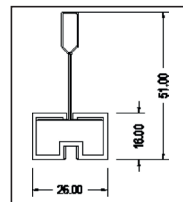
Armstrong T35



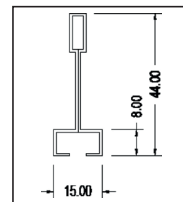
SAS 130 Alugrid
Q15/08



SAS 130 Alugrid
Q15/16



SAS 130 Alugrid
Q26/16

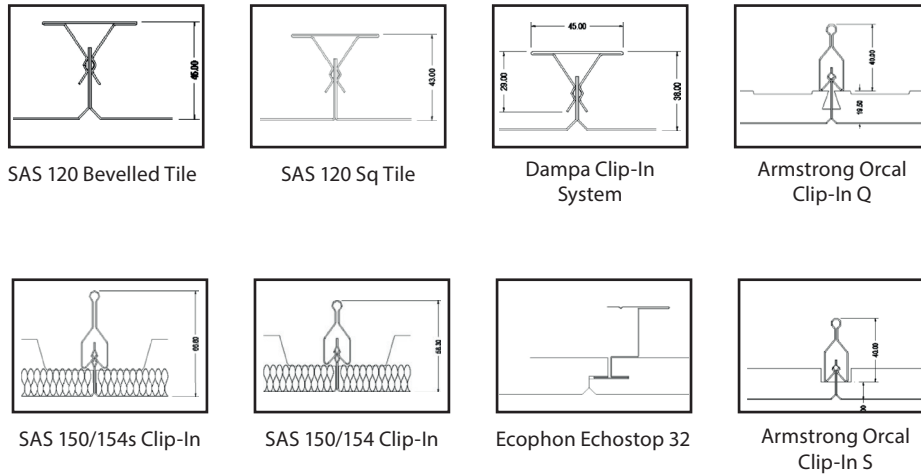


Armstrong Prelude
Silhouette XL-XT 15T

Concealed Tee

A ceiling system where the ceiling tile hides all tee supports. Semi concealed systems are also available which use a main exposed tee bar with concealed cross noggin bars. Please ensure the correct tee width and height is specified as different manufacturers supply different height tee sections.

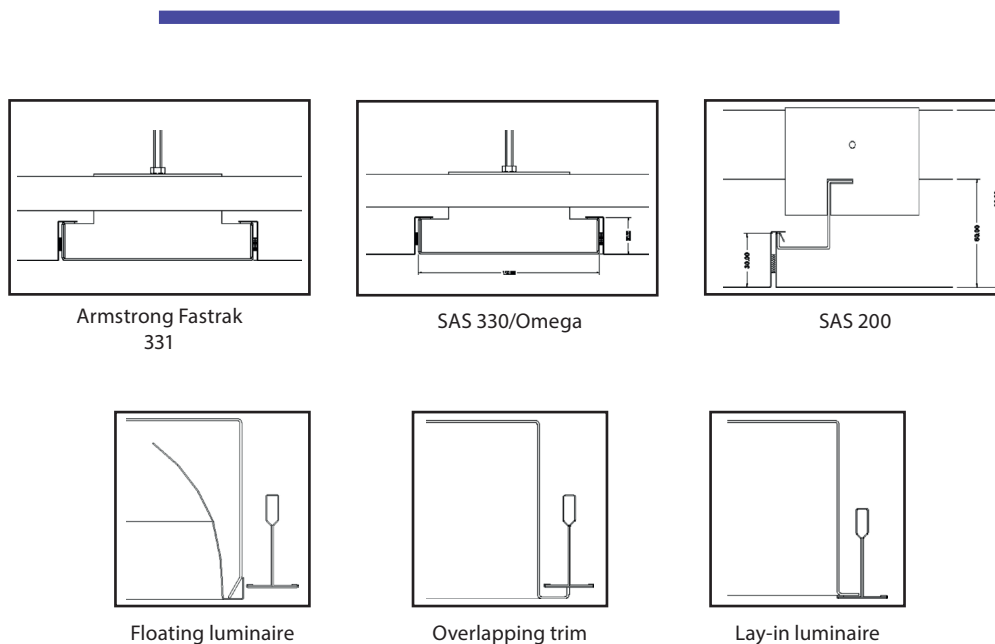
Luminaires are generally designed to fit within the tile aperture and supported via side arm brackets on the tee bar but other support methods including drop rods can also be specified if required.



Plank ceilings & Luminaire Positioning Options

Linear ceiling tiles supported from each end only by the main tile support beam. Please ensure the correct width and height is specified as different manufacturers supply different height sections. Luminaires are generally designed to lift & tilt onto the exposed tee bar but other support methods including side arm brackets or drop rods can also be specified if required.

Luminaires generally fit within the ceiling system in one of three possible ways and the installation options are dependant upon the ceiling system and tile style being used. Floating luminaire: The luminaire fits within the tile aperture and supported via side arm brackets. This option is usually preferred when a regular tile is being used. Overlapping luminaire: The luminaire trim overlaps the ceiling trim on the underside and is supported via side arm brackets. Lay-In luminaire: The most common method used with exposed tee ceiling systems. The luminaire rests directly on the tee bar removing the need for any the need for additional support brackets.



Plasterboard

Plasterboard ceilings are self explanatory. An aperture is cut into the plasterboard and lined with wooden battens to locate and support each luminaire. The luminaire is retained within the aperture via side arm brackets or directly screw fixed with its overlapping trim hiding the aperture cut.