

Cascade Flex Tunable White



Sustainable direct/indirect modular recessed luminaire with Tunable White functionality, encouraging the well being of building occupants



1200 x 300mm

Overview

Designed with a circular approach the Cascade Flex is a new generation of recessed luminaire. Careful consideration has been given to the materials used and the effect they have on people and the environment. The luminaire features a replaceable central cartridge which can be returned, refurbished and reused multiple times ensuring that the materials remain in use without a sacrifice to the luminaires performance, before eventually being recycled at the end of its life.

Cascade Flex Tunable White offers a range of colour temperatures when, combined with lighting controls, gives the user flexibility of light source colour from warm to cool and adjustable throughout the working day.

Optics

- Tunable White: average 4195 lumens (38W)*
- Central optic square or rectangular LED module that utilises intermediate brightness zone technology through application of flat centre strip and innovative bevelled canopy sides
- The unique optic design creates a graduating light output from the centre to the sides, eliminating harsh contrast created by flat panel LED modules.
- Central pod optic for areas where higher levels of glare control are required, such as offices and classrooms
- Tunable white LED light engine ranging from 2732K to 6332K

* Output and wattage based on average for all colour temperatures.

These figures will vary between 4088 - 4294 lumens (37 - 41W) depending on colour temperature used

Body

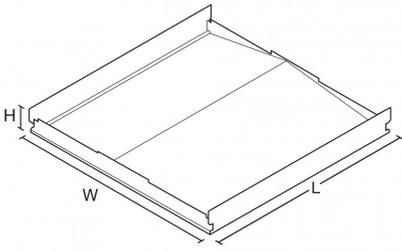
- Steel body finished in reflective white
- Suitable for a range of ceilings:
 - 600 x 600mm Exposed Tee (584 x 584mm - Ref 'XT')
 - 600 x 600mm Spring Tee (599 x 599mm - Ref 'ST')
 - 600 x 600mm Plasterboard (use 'XT' version with 'SFTPBF' frame accessory)
 - 1200 x 300mm (1194 x 297mm - SAS 330)
- IP44 from front face
- Suitable for networked, DALI addressable rooms or buildings
- DALI DT8 standard drivers
- Seperate system components are required such as a scene plate. Please refer to tunable controls
- Can be used with MSU Kit for Mental Health - Medium Secure Unit & Anti-Ligature applications

Order codes

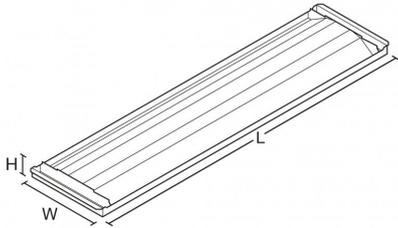
| Description | Order Code | LL/CW | B50 | | |
|---------------------------------------|------------|-------|--------|--------|-----|
| | | | L70 | L80 | L90 |
| Tunable White 600 x 600mm Exposed Tee | C6PTE3XT | 109 | > 100k | > 100k | 51k |
| Tunable White 600 x 600mm Spring Tee | C6PTE3ST | 109 | > 100k | > 100k | 51k |
| Tunable White 1200 x 300mm SAS 330 | C12PTE3 | 114 | > 100k | > 100k | 51k |

Tunable White requires separate controls, see Tunable Controls for details

Dimensions

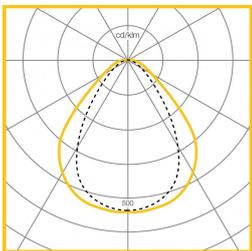


| VERSION | L | W | H | KG |
|-------------|-----|-----|----|-----|
| Exposed Tee | 584 | 584 | 69 | 4.0 |
| Spring Tee | 599 | 599 | 83 | 4.0 |



| VERSION | L | W | H | KG |
|---------|------|-----|----|-----|
| SAS 330 | 1194 | 297 | 68 | 5.5 |

Photometric Performance



Tunable White,
4100 lm, Pod
Optic
LOR = 100%
SHR MAX = 1.53

To Specify

Recessed modular luminaire with strong visual differentiation using a central linear optic. The light engine cartridge is easily replaced without tools for simple future upgrades and replacement ensuring a sustainable lighting solution - as Whitecroft Lighting CASCADE FLEX TUNABLE WHITE
