

Cascade LED Tunable White



Tunable white direct/indirect 600mm square recessed luminaire



2700K - 6500K

Optics

- Output:
 - Tunable Elite: 3250 lumens (33W)*
- Multi-optic 600mm square LED module that utilises intermediate brightness zone technology through application of flat centre strip and innovative curved wings
- The unique optic design creates a graduating light output from the centre, out to the sides, and then onto the ceiling plane. Thus eliminating harsh contrast created by flat panel LED modules. TSI technology is also incorporated to achieve optimum wall illuminance for education
- Advanced Hexaprism PMMA centre optic with prisms facing down for optimum glare control and diffusion
 - Designed for use in offices or school classrooms where LG7, LG5, and/or UGR compliance may be required
- Tunable white LED light engine that ranges from 2700K to 6500K

* Output and wattage based on 6500K colour temperature.

These figures will vary between 1-5% depending on colour temperature used

Body

- Steel body finished in reflective white
- For 600 x 600mm grid ceilings. See ceiling compatibility matrix on Whitecroft website
- IP44 from front face
- Installation in plasterboard ceilings possible using optional frame (supplied separately)
- Suitable for networked, DALI addressable rooms or buildings
- Seperate system components are required such as a scene plate. Please refer to tunable controls

Order codes

Tunable Elite

Tunable White	Code	L80
3250 lumen (33W)	CMTE2XT	50k

Accessories

PLASTERBOARD INSTALLATION FRAME	SFTPBF
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Options

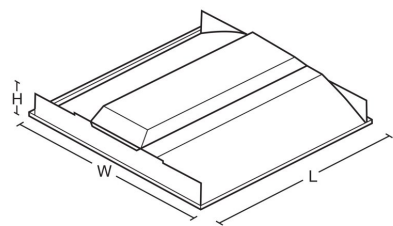
SPRING T CEILING*	Replace XT with ST	i.e CMTE2ST
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* For specific Spring T ceilings only. See ceiling compatibility matrix on Whitecroft website
** NB: Other control components are required for the tunable system to function. Please search for Tunable White Systems on Whitecroft website

LED Performance

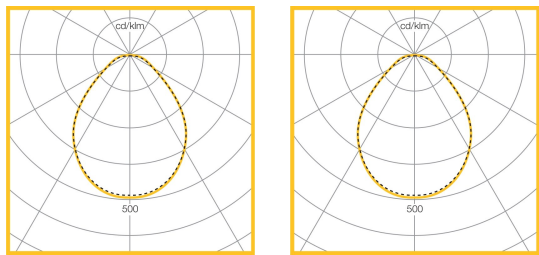
Colour Temp	RA (CRI)	Colour consistency
2700K	>80	MacAdam 3 SDCM
4000K	>80	MacAdam 3 SDCM
6500K	>80	MacAdam 3 SDCM

Dimensions



VERSION	L	W	H	KG	Prepared Aperture
Exposed T	584	584	96	4.5	
Spring T	599	599	96	4.5	
Plasterboard frame	660	660	97	6.5	625x625

Photometric Performance



34W LED Tunable
Freedom 6500K
3000 Lumen
LOR = 100.0%
SHR MAX = 1.48

33W LED Tunable
Elite 6500K 3250
Lumen
LOR = 100.0%
SHR MAX = 1.48

To Specify

Direct/indirect LED Tunable 600sq module luminaire. Advanced Hexaprism optic for excellent uniformity and glare control. Intermediate brightness zone technology; reducing the contrast between the luminaire and ceiling plane. Tunable white LEDs to adjust the colour temperature between 2700K and 6500K – as Whitecroft Lighting CASCADE LED HEXAPRISM TUNABLE