



Optics

- LED and T5 options
- Asymmetric light output with one side of the luminaire providing ambient direct/indirect lighting and the other side providing wall illumination
- Symmetric distribution options for installation in centre of room also available
- **LED Output Options:**
 - 3400 lumens (37W)
 - 5000 lumens (54W)
- **Lamp Options:**
 - 4 x 14W T5
 - 4 x 20W T5 Eco

Body

- Steel body finished white
- Designed to rest above 600 x 600mm exposed T (15mm and 25mm) ceilings Installation in plasterboard ceilings possible using optional frame
- One piece front frame and gear tray assembly for easy access and maintenance

cascade edge TSI

Order Codes

Asymmetric LED	DALI	3 hr Emergency
3400 lumens (37W)	CSLTY14KXT	CSLTY14KXTEM
5000 lumens (54W)	CSLTY24KXT	CSLTY24KXTEM

Asymmetric T5	HF Gear	3 hr Emergency
3 x 14W T5	CSTH314XT	CSTH314XTEM
4 x 20W T5 ECO	CSTH420XT	CSTH420XTEM

Symmetric LED	DALI	3 hr Emergency
2500 lumens (26W)	CLTY25PXT	CLTY25PXTEM
4000 lumens (47W)	CLTY40PXT	CLTY40PXTEM

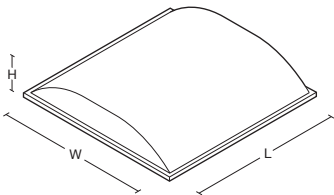
Symmetric T5	HF Gear	3 hr Emergency
4 x 14W T5	CETH414PXT	CETH414PXTEM
4 x 20W T5 ECO	CETH420PXT	CETH420PXTEM

Options

DALI	Replace H with Y	i.e. CSTY314XT
COMEPS*	Add suffix /EP	i.e. CSLTY14KXT/EP
PLASTERBOARD INSTALLATION FRAME		SFTPBFB

* Can be wired as Easytest if required

Dimensions



Version	L	W	H	Prepared Aperture	KG	KG
Exposed T	584	584	95	—	4.5	5.5
Plasterboard Frame	660	660	100	625 x 625	6.4	7.4

Ceiling Integration

Refer to common ceiling compatibility matrix – See Whitecroft website

Exposed T Grids

T25 Lay in
T15 Tegalor

Plasterboard (requires installation frame)

Prepared aperture

LED Performance

Colour Temp	Ra (CRI)	Life Expectancy	Colour Consistency
4000K	≥ 80	L ₈₀ (50,000hrs)	MacAdam 3 SDCM

Equivalent Lamp Types

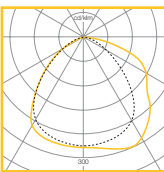
3400 Lumen Output

T5 lamp 3 x 14W

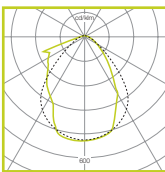
5000 Lumen Output

T5 lamp 4 x 20W

Photometric Performance



4 x 20W ECO
• LOR = 74.7%
• SHR MAX = 1.69



37W LED
3400 lumens
• LOR = 100%
• SHR MAX = 1.46

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.53	0.73	0.78

Utilisation Factors UF(F)

Room Reflectance			Room Index		
C	W	F	1.00	3.00	5.00
0.70	0.50	0.20	0.74	0.98	1.05

To Specify

Recessed direct/indirect LED or T5 module for classroom lighting. Rolled steel body finished white, with Hexaprism optic and perforated side panels. Asymmetric light distribution with one side of the luminaire providing 'Teaching Surface Illumination' – as Whitecroft CASCADE EDGE TSI