

# Cascade Edge

Direct/indirect recessed hexaprism luminaire

Whitecroft  
lighting



IP20

LED



Twin Cell

## Optics

- Hexaprism optic for all-round glare control and maximum efficiency mounted between perforated blades
- Single cell hexaprism light source options:
  - LED 1750 Lumen (21W)
- Twin cell hexaprism lamp options:
  - LED 3500 Lumen (34.5W)
- Emergency Output (BLF):
  - All variants - 320 Lumens

## Body

- Steel body finished white
- For 600 x 600mm grid ceilings
- RAL Colour: White RAL9003.
- One piece front frame and gear tray assembly for easy access and maintenance
- Compatible with the following ceiling types:
  - Exposed T 25mm flat
  - Exposed T 15mm tegular
  - Spring T\*
  - Plasterboard prepared aperture (using optional frame)
  - Alugrid 15/16 - 15/08
- Air handling: 30L/sec for all variants

\* For specific Spring T ceilings only. Please see Ceiling Integration Guide or matrix

## Order codes

### Single Cell

B50						
Single Cell	HF Gear	3hr Emergency	LL/CW	L70	L80	L90
LED 1 x 1750 Lumen (21W)	CLSY17PXT	CLSY17PXTEM	82	>100K	>100K	72K

### Twin Cell

B50						
Twin Cell	HF Gear	3hr Emergency	LL/CW	L70	L80	L90
LED 1 x 3500 Lumen (34.5W)	CLTY35PXT	CLTY35PXTEM	90	>100K	>100K	72K

### Accessories

Plasterboard installation frame  
(compatible for use with XT product  
only)

SFTPBF

### Options

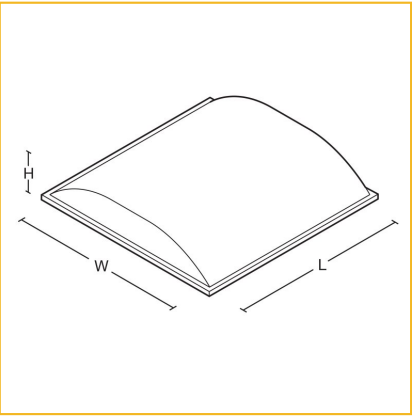
COMEPS	Add suffix /EP	i.e CLSY17PXT/EP
COMMAND 4	Replace H with Q4Y	i.e CLSQ4Y17KPST
DALI DIMMING	Replace H with Y	i.e CLSY17KPST
SPRING T INTEGRATION	Replace XT with ST	i.e CLSY17PST

\* DALI dimming as standard on LED version

## LED Performance

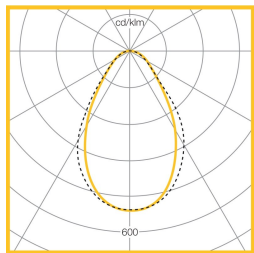
Colour Temp	RA (CRI)	Colour consistency
4000K	>80	MacAdam 3 SDCM

## Dimensions



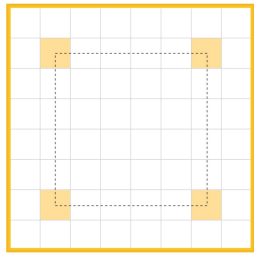
VERSION	L	W	H	KG	KG(EM)	Prepared Aperture
Exposed T	584	584	95	4.4	5.4	
Spring T	599	599	100	4.5	5.5	
Plasterboard frame	660	660	100	6.4	7.4	625 x 625-3+3

## Photometric Performance



LED 3500 Lumen  
LOR = 100.0%  
SHR MAX = 1.46

## Performance Guide



Lamps	3500 lumen LED
Illuminance	350 LUX
Spacing	3.0m x 3.0m
Maintenance	0.8
Reflectance	70/50/20
Ceiling Height	2.7m
Working plane	0.8m

## To Specify

Direct/indirect LED luminaire. Single or twin cell hexaprism optic with perforated blades, mounted in a steel body painted white with air handling conversion - as Whitecroft Lighting CASCADE EDGE

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## Application images

