

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)
 - 2 x 20W T5 Eco
 - 1 x 55W TC-L
- Twin cell hexaprism lamp options:
 - LED 3500 Lumen (34.5W)
 - 4 x 14W T5
 - 2 x 40W TC-L
- 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:
 - 20L/sec for 2 x 20W
 - 30L/sec for all other 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
T5 ECO 2 x 20W	CESH220PXT	CESH220PXTEM	62			
TC-L 1 x 55W	CESH155PXT	CESH155PXTEM	63			

Twin Cell

B50						
Twin Cell	HF Gear	3hr Emergency	LL/CW	L70	L80	L90
T5 4 x 14W	CETH414PXT	CETH414PXTEM	63			
LED 1 x 3500 Lumen (34.5W)	CLTY35PXT	CLTY35PXTEM	90	>100K	>100K	72K
TC-L 2 x 40W	CETH240PXT	CETH240PXTEM	62			

Accessories

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

SFTPBF

Options

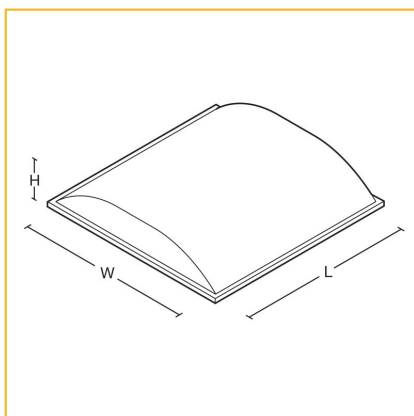
COMEPS	Add suffix /EP	i.e CLSY17PXT/EP
COMMAND 4	Replace H with Q4Y	i.e CESQ4Y220PST
DALI DIMMING	Replace H with Y	i.e CESY220PST
SPRING T INTEGRATION	Replace XT with ST	i.e CLSY17PST

* DALI dimming as standard on LED version

LED Performance

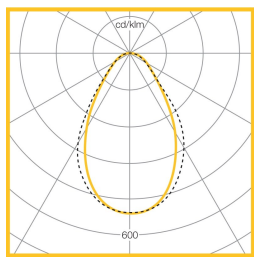
Colour Temp	RA (CRI)	Colour consistency
4000K	>80	MacAdam 3 SDCM

Dimensions



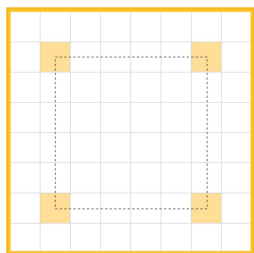
VERSION	L	W	H	KG	KG(EM)	Prepared Aperture
Exposed T	584	584	95	4.4	5.4	
Spring T	599	599	100	4.5	5.5	
Plasterboard frame	660	660	100	6.4	7.4	625 x 625-3 +3

Photometric Performance



LED 3500 Lumen
LOR = 100.0%
SHR MAX = 1.46

Performance Guide



Lamps	2 x 40W TC-L
Illuminance	507 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 T5, TC-L or 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

Application images

