

Cascade Flex

The Sustainable Choice



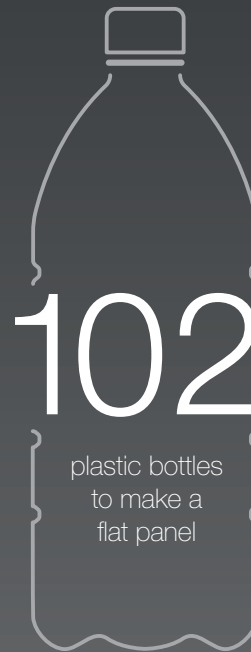
Cascade Flex
Reliable, Flexible,
Accessible.

Be Aware

UK made, responsibly sourced and 70% less plastic.

The signature centre optic has been rejuvenated taking the form of a completely removable, reusable, replaceable and recyclable cartridge that is made using up to 70% less plastic than a traditional flat panel.

Let's put that into perspective:



Be Flexible

Cascade Flex is a versatile product suitable for most applications.



The product family benefits from outputs ranging from 2300 up to 5100 lumens, pod and diffuser optics in a TP(a) IP44 cartridge, 3000K and 4000K colour temperatures and a choice of 600 x 600mm or 1200x300mm bodies.



Be Upgradeable

Upgrade for controllability

To add wireless lighting controls to an existing Cascade Flex installation simply remove the cartridge and replace it with an Organic Response® enabled cartridge.

Upgrade the visual

To change the visual of the existing Cascade Flex installation simply remove the existing cartridge and replace it with the desired optic and/or colour temperature.

Upgrade the technology

Save time, money and energy in the future by easily upgrading components such as the LEDs and driver. The cartridge can be removed and all components can be easily accessed and upgraded.

Cascade Flex unites sustainability with high quality lighting.

Designed to perform

Outputs and Efficiency

The combination of the latest LED technology and superior thermal management see Cascade Flex achieve nominal lumen outputs ranging from 2300 lumens to 5100 lumens and efficacies in excess of 120lm/cw.

Distinctive Optical Design

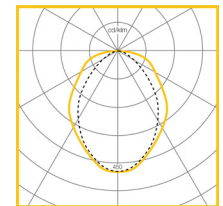
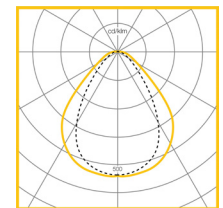
The distinctive central optics and range of lumen outputs deliver both visual comfort and efficacy. The pod optic is the option for areas where a higher level of glare control is required. It directs 80% of the output onto the task while the remaining 20% serves to illuminate the bevelled ceiling canopy. This results in an intermediate brightness zone which creates a contrasting field between the optic and the ceiling plane, adding visual interest and overall comfort.

Human Centric Lighting

Cascade Flex also features a Tunable option which consists of a series of pairs of LEDs, one 2700K, the other 6500K. Each pair is positioned on the light engine so that they can be seamlessly dimmed to any position between the colour temperatures without affecting the lighting quality, thus allowing an unnoticeable transition between warm and cool white. High quality single bin LEDs are used to ensure a consistent appearance across all luminaires.



Polar Curves



Cascade Flex offers a comprehensive range of products suitable for multiple ceiling types. For product information including ceiling integration and technical details please visit our website.

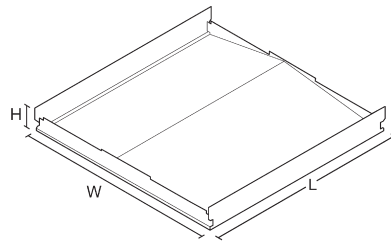
Type	Colour Temperature		Colour Rendition	Control	Nominal Output				Driver			Emergency Lighting		Ceiling		
	3000k	4000k	Ra80	Organic Response	2300lm	3300lm	4100lm	5100lm	DALI	Fixed Output	Tunable	EM	COMEPS	Exposed T	Spring T	SAS330
600mm x 600mm Pod 	•	•	•	•	•	•	•	•	•	•	‡	•	•	•	•	
600mm x 600mm Diffuser 	•	•	•	•	•	•	•	•	•	•	‡	•	•	•	•	
1200mm x 300mm Pod 	•	•	•	•	•	•	•	•	•	•	‡	•	•			•

‡ Available with 4100 lm products only

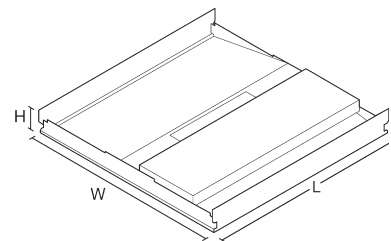
To Specify

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

600 x 600

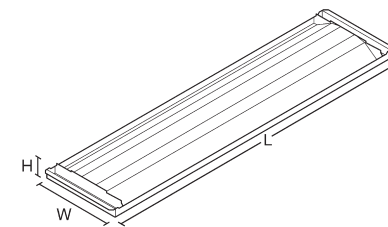


600 x 600 c/w Emergency and/or Organic Response®

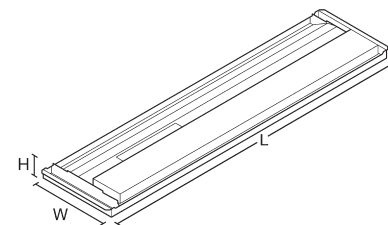


	Exposed Tee	Spring Tee
Length (mm)	584	599
Width (mm)	584	599
Height (mm)	69	83
Weight (kg)	4	4
Weight EM (kg)	5.5	5.5

1200 x 300



1200 x 300 c/w Emergency and/or Organic Response®



	SAS 330
Length (mm)	1194
Width (mm)	297
Height (mm)	68
Weight (kg)	5.5
Weight EM (kg)	7.5



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