

Cascade



Cascade - Recessed modular luminaire with strong visual differentiation using a central linear optic. Pod optic to enable effective glare control. The light engine cartridge is easily replaced for simple future upgrades and replacement ensuring a sustainable lighting solution.



Cascade Dropped Diffuser

Overview

Cascade - In a world demanding innovative low impact solution Cascade delivers an effective and efficient alternative to a full diffuser flat panel for low glare spaces. Building on circular design principles of modular design and effective use of materials, Cascade will support the delivery of low impact buildings today and into the future.

Lighting Performance

Optics:

- Pod Optic to support delivery of UGR.
- All Outputs <3,000cd/m² to support compliance to EN12464-1 & LG7 requirements for VDT use
- Tp(A) rated

Outputs:

- 2300 lumens, 17.7W (130lm/w)
- 3300 lumens, 25.4W (130lm/w)
- 4100 lumens, 31.9W (129lm/w)
- Emergency Output: 255 lumens (all variants)

Light Source:

- 4000K
- >Ra 80
- MacAdam 3 SDCM
- L90B50@>50,000 hours (other lifetime data available on request)

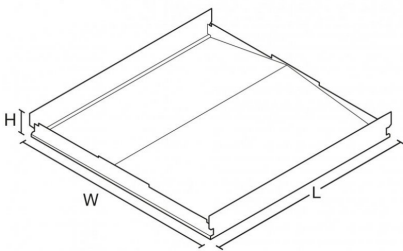
Construction

- Steel canopy finished in white RAL 9003
- Suitable for 600 x 600mm Exposed Tee (584 x 584mm)
- Replaceable central cartridge with optics and light engine
- Emergency 3 hour self-contained and DALI test options
- Emergency variants supplied with Lithium Iron Phosphate (LiFePO4) battery technology; featuring extended design life reducing replacement frequency to lower total cost of ownership, and advancing sustainability through support for end of life recycling
- Also available with 'EW' Routefinder Wireless for addressable emergency testing without the need for a 2 core communication cable
- Fixed output or DALI 2 standard drivers
- Integral Organic Response sensor option
- Can be used with MSU Kit for Mental Health - Medium Secure Unit & Anti-Ligature applications
- Note: All DALI variants require 1 DALI address per driver. COMEPS variants will require an additional DALI address.
- Also compatible with our MSU kit (MSKIT600) for areas where higher level of protection is required.

LED Performance

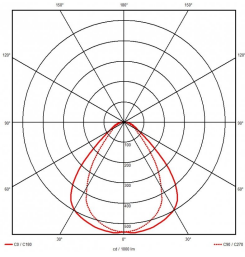
Colour Temp	RA (CRI)	Life expectancy	Colour consistency
4000K	>Ra80	L90@47,000 hours	MacAdam 3 SDCM

Dimensions



VERSION	L	W	H	KG	KG(EM)
Cascade	584	584	69	3.5	5.0

Photometric Performance



Pod
LOR = 100%
SHR MAX = 1.57

To Specify

Recessed modular luminaire with strong visual differentiation using a central linear optic. Diffuser optic for area lighting solutions. The light engine cartridge is easily replaced without tools for simple future upgrades and replacement ensuring a sustainable lighting solution. AS WHITECROFT CASCADE
