

LIGHTEFX

Altair Panel

OVERVIEW

The Altair Panel is a premium suspended acoustic lighting solution designed for modern commercial interiors, offering a balance of architectural refinement and functional performance. Its three lighting layers; downlights, linear LED illumination, and fibre-optic star effects, can be installed in any combination to meet project-specific design intent.

The LightEFX wall-mounted touch panel provides simple, intuitive control of all installed lighting elements, enabling designers and end users to fine-tune ambience with ease.

With its lightweight construction, versatile lighting configurations, and clean aesthetic, the Altair Panel delivers a flexible, design-led ceiling feature that enhances comfort, visual appeal, and spatial character.

FEATURES

- Suspended Acoustics** with high sound-absorption performance.
- Customisable Configurations** with three lighting layer options:
 - Downlights
 - Linear LED illumination
 - Fibre-optic star-light effects
- Wall-Mounted Touch Panel** for intuitive control of all installed lighting elements.
- Lightweight Construction** for easier handling and installation.
- Scalability** allowing multiple panels to integrate seamlessly within the LightEFX ecosystem.
- Simple Installation** with clean mounting options and accessible wiring layouts.

NAME:

Altair Panel

SERIAL NUMBER:

ALT-1190
ALT-595

CATEGORY:

Commercial - Acoustic Lighting

WEIGHT:

10kg

YEAR:

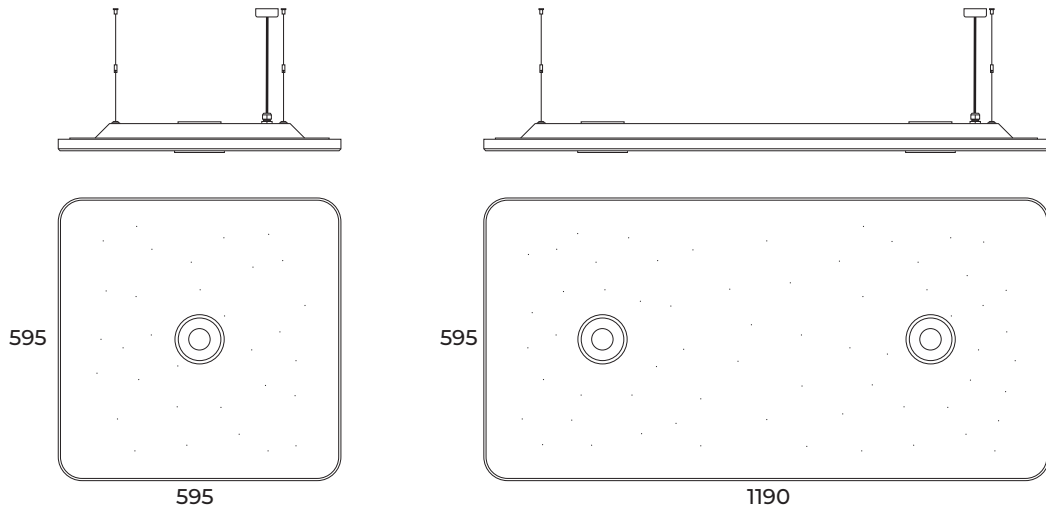
2026

DIMENSIONS:

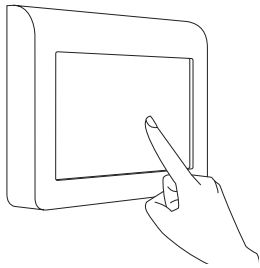
1190mm x 595mm x 60mm
595mm x 595mm x 60mm



DIMENSIONS



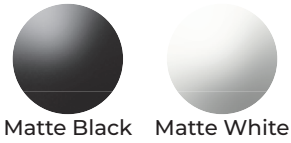
ADDITIONAL COMPONENTS



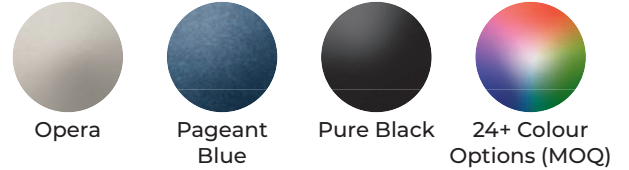
Touchpad Control

FINISHES

Powder Coat:



Polyester Acoustic Board:



TECHNICAL SPECIFICATIONS

Core Specification

Product	Altair Panel	Category	Commercial - Acoustic Lighting
Dimensions	595mm x 595mm x 60mm 1190mm x 595mm x 60 mm	Weight	10 kg (nominal)
Lighting layers	Downlights + Linear LED + Fibre-optic stars	Control	Wall-mounted touchpad + controller
Finishes	Powder coat: Matte Black	Acoustic board	24mm PET
Warranty	2 years (standard)	Notes	Lighting module performance varies by configuration

Lighting Modules

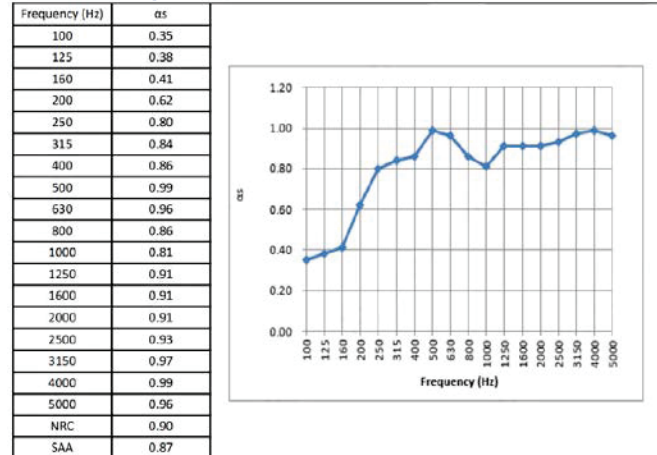
Module	Key performance	Electrical / Control	Notes
Downlights	3000K, CRI RA \geq 90, 36° beam angle, cutout 75 mm	10 W per fitting, AC input via driver, per controller	Downlight model is module dependent. Refer to Technical Pack for photometrics.
Linear LED (addressable)	FCOB RGBW, CRI RA \geq 90, 180° viewing angle	24 VDC, 20 W/m, WS2814 IC, 71.42mm addressable segments	10 mm FPCB, 784 LEDs/m (nominal).
Fibre-optic stars	Integrated StarEFX star field effect	Illuminator and power per configuration	Star density, cable management, and illuminator selection are project specific.

Acoustic Performance

ISO 11654:1997 weighted sound absorption coefficient
aw 0.25(H) - Class E

Band (Hz)	250	500	1000	2000	4000
alpha_p	0.05	0.15	0.35	0.65	0.90

Sound Absorption Curve



Full report available in the Technical Pack.

Fire Performance

AS 5637.1:2015 determination of fire hazard properties

Group 1

Group 1 - material that does not reach flashover under the standard test conditions.

Full report available in the Technical Pack.

CONTACT US!

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CONTROLS & INSTALLATION

The Altair Panel is designed for simple suspension and clean electrical integration. Each fixture and its lighting controllers require connection to a dedicated GPO, and a licensed electrician is required to connect the wall-mounted touchpad directly to the light controller to ensure compliant and reliable operation.

Once mounted and powered, the system is ready for commissioning and final adjustment.

Notes:

- Lighting controllers require connection to a dedicated GPO.
- A licensed electrician is required to connect the wall-mounted touchpad to the controller.
- Addressable LED strip segment length is nominal - confirm pixel count per reel for commissioning.
- IES/LDT photometrics, wiring diagrams, and controller configuration are supplied in the Technical Pack.

CERTIFICATIONS

Australian Standard:

AS 5637.1 - 2015 - Class 1

ISO:

11654-1997

WARRANTY

