

INDOOR SERIES



PRODUCT OVERVIEW

Sunshine still remains the best and healthiest way to illuminate our workspaces and with this in mind, the **AL TSA Ewindow** Unit was designed to replicate the benefits to natural sunlight. The **AL TSA Ewindow** perfectly integrates the latest LED technology, optical design and intelligent controls to provide a unique lighting experience.

The **AL TSA Ewindow** improves the lighting effect in a number of applications where access to natural light is restricted.

The **AL TSA Ewindow** utilises Circadian Lighting Measurements to follow the law of dynamic sunlight and in doing so synchronizing light intensity and colour temperature during the course of the day. With Circadian Light rhythms, people see better, function better and feel better.

The **AL TSA EWINDOW** can be installed in a multitude of arrays to create the ideal balance between clear skies and clouds.

Quality comes standard...



Hours
LIFESPAN



IP40
INDOOR



Low
MAINTENANCE



Year
WARRANTY



Product
CERTIFICATION

APPLICATIONS

Offices

Stores

Commercial Areas

Workshops

Logistics Centers

Hospitals

Warehouses

Hall Ways

CONSTRUCTION

Powder-Coated

Lightweight

Aluminium Frame/Housing

PMMA Lens

FEATURES

Low Glare Design

iOS8 Android App Controllable

Power Factor: 0.95

Colour Rendering Index: >82

Optional LED Tubes IP65-rated

Thermal Resilience up to 70°C

SABS Certified/CE/RoHS

Easily replaceable Tubes

Circadian Light Rhythm Technology

TECHNICAL DATA

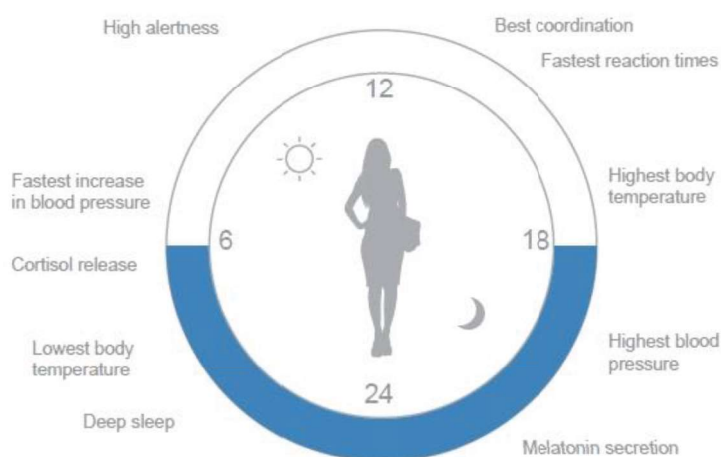
PARAMETER	VALUE
DIMENSIONS	1170x570x85mm
POWER	10-270W
VOLTAGE	100-264VAC
CURRENT	0.1-3A
DIMMABLE RANGE	1-100%
LUMINOUS FLUX	50-7300lm
CCT	2500-10000K
RA	93-98
WORKING TEMPERATURE	-25°C ~ 45°C

CIRCADIAN LIGHT RHYTHM

Circadian Light Rhythms help synchronize people's physiology with different daytime phases. It improves our performance during daytime and helps with a good nights sleep.

Light therapy with exposure levels at 2500 lux for 2 hours a day, has proven to be an effective cure against Seasonal Affective Disorder.

Human circadian (Nobel Prizes, 2017)



Ewindow

CONTROLS

Controller



Mode 1: Automatic Operation

The light will follow local daylight phases

Mode 2: Manual Operation

The end user can set the lighting features according to their specific requirements

APP Control



Above two modes can be controlled via cellphone APP

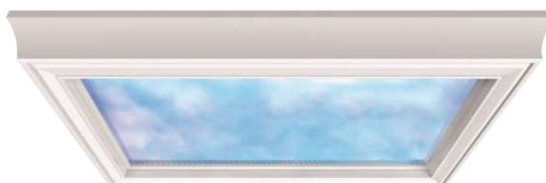
More specific controls on lighting features. Ewindows can be grouped and controlled as a unit or independently

MOUNTING OPTIONS

Recessed



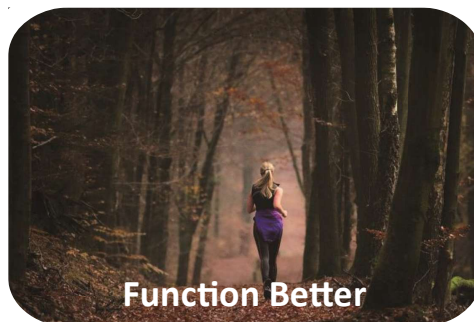
Surface



INSTALLATION EXAMPLES



See Better



Function Better



Feel Better