

# Altair - 42W

RALT LED Light Engine Retrofit for 600 x 600mm Luminaires

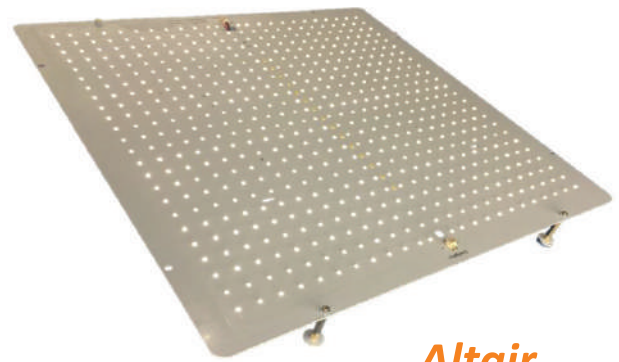


## Overview

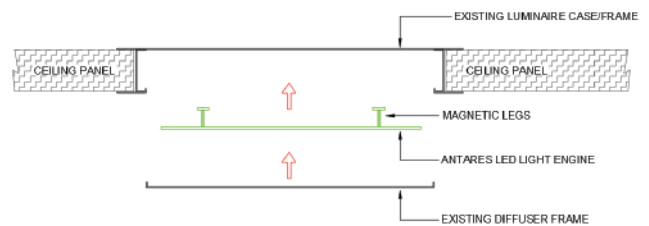
A low Ultraviolet (UV) LED light engine retrofit kit for installation in exiting 600x600mm metal case luminaires whilst maintaining the original luminaire enclosure and diffuser. The Altair is specifically tailored to suit areas sensitive to UV emissions, whilst avoiding unpleasant yellow light traditionally associated with low UV lighting. The kit is particularly useful for situations where removal of an existing luminaire frame might be undesirable such as cleanrooms or other solid ceilings. Retrofitting also results in less waste.

## Installation

The retrofit plate is installed in the empty frame of the original luminaire using the special magnetic frame legs. The control gear is pre-fixed to the rear of the plate meaning only re-connection of the existing cable to the connector is required.



Altair



### Electrical Data:

Voltage (V)	220-240
Frequency (Hz)	50
Power (W)	42
Power Factor	0.95
Total Power (W)	47

### Dimensions:

Length (mm)	480
Width (mm)	480
Height (mm)	25-45
Ope Dimension (mm)	N/A
Weight (kg)	1.75

### Lighting Data:

LED Type	Everlight
Luminous Flux	5040lm
CCT	3200K
CRI	>80
Efficacy	120lm/cw
Life Expectancy	>70,000hrs
Macadam Step	3
Driver	Tridonic Advanced Series

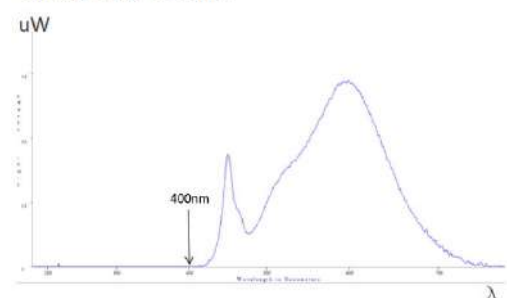
### Technical Data:

UV	0<420nm
Max T (a)	35
Walk-on Loading	N/A
Temp Range	-20°C to + 40°C

### Options:

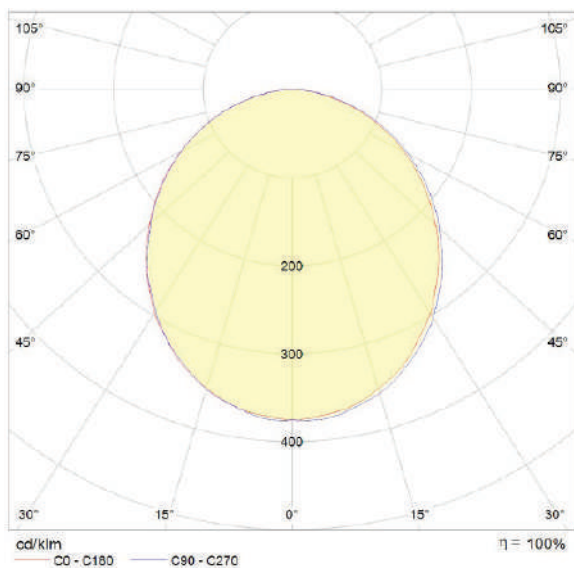
DALI Dimmable	Yes, on request
Emergency	Yes, Integrated 4W LED strip
Self/Auto Test (Emer.)	Yes, on request
Diffuser Option	N/A
Cable Tail Lead options	N/A
Gland Position Options	N/A
Smart Lighting options	Yes, on request

### Optical Characteristics

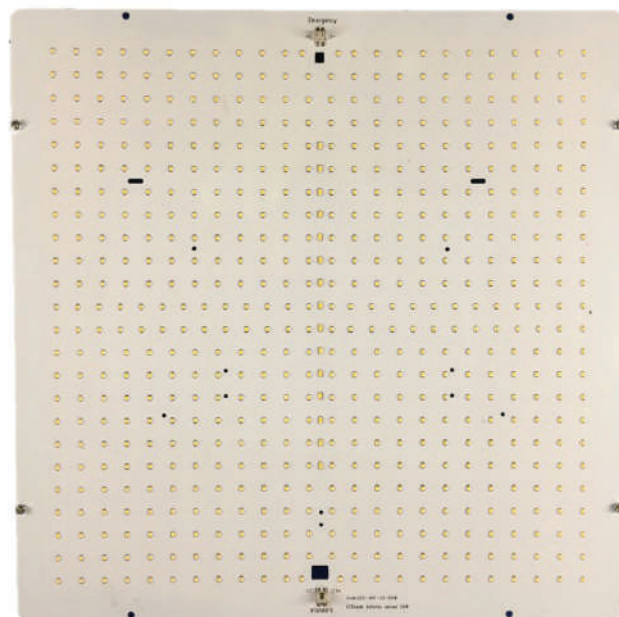


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## LED Light Plate



## Retrofit Installation



### To Specify:

480 x 480mm retrofit LED Light Engine comprising of SMD (surface mounted devices) LEDs on a 2mm aluminium substrate plate, c/w magnetic fixing legs, tridonic driver and 5A fused connector, suitable for retrofitting into existing 600x600mm luminaire body of depth > 50mm.

### To Specify:

Low UV Altair LED plates can also be used in LEDspan's Vega walk-on luminaires and Rigel Lay-in luminaires for cleanroom ceilings.

## Drawings

