

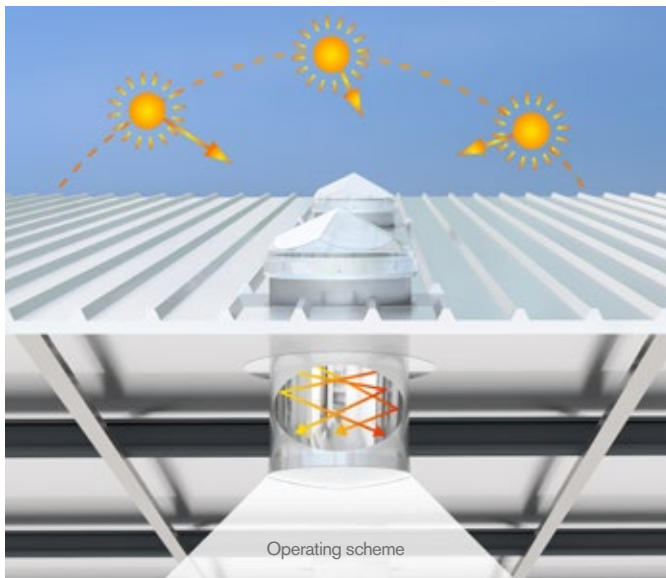


# SOLAR LIGHT TUBE

100% Natural Lighting

*Residential and Industrial*





## Solar Light Tube Constitution:

- **Dome** – made of high-impact, high-transparency polycarbonate, with UV and IR filtering and anti-static treatment. Extremely robust to impacts and maintenance-free;
- **Connection accessory** with UV protection and high impact resistance, allowing connection to the Solar Tube and the outer dome;
- **Reflector Tube**, made of aluminum, with a reflective film finish superior to 99% of reflectance;
- **Cover base**, made of galvanized metal, thermally and acoustically insulated on the inner ring;
- **Diffuser** in PC diffuser. Models available: ST Flat, ST High spherical, ST Low spherical, STB, Easy Clic, AL\_SQ / EC.

Table with the different models and their technical specifications and performance measured at 2pm



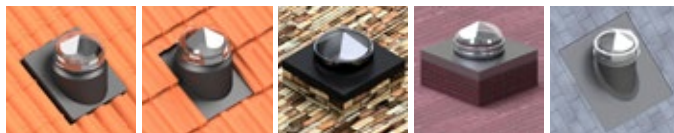
Model	TS250	TS350	TS530	TS750
☀️ 120,000 (Lux)	4.600	9.400	20.000	30.000
☀️☁️ 85,000 (Lux)	2.900	6.700	13.000	24.000
☁️ 45,000 (Lux)	1.350	2.900	6.350	11.620
☁️ 20,000 (Lux)	540	1.300	2.500	5.300
Tube Diameter (mm)	250	350	530	750
Tube length (mm)	625	625	625	625

## Cover bases:

### All kind of accessories for a perfect assembly.

Chatron developed Roof bases in HDPE or metal for many different roof applications. Chatron can build the molds to customer coverage of measure, providing with corrugated or formats suitable for seamless integration in different situations.

#### Residential coverages



Corrugated tile (B5) Flat tile (B4) Wall (B6) Slate Steel (B7) Slate (B4)

#### Industrial coverages



Sandwich Panel (B2) Tile imitation (B5) Steel plate (B1) Membrane roofing (B1)

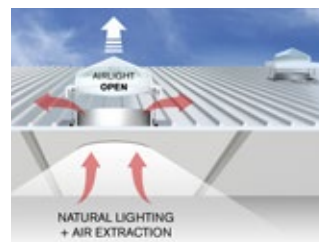
### Applications

- Houses
- Offices
- Gymnasiums
- Sports Halls
- Factories
- Supermarkets
- Warehouses
- Industrial Pavilions
- Amphitheatres
- Room Centers
- Creative Applications

### Advantages

- Ability of lighting superior than one window.
- Perfectly natural light.
- No thermal transfer (Cold and Heat).
- No need for cleaning or maintenance
- Resistance to UV radiation.
- Solutions for inclusion in the coverage 100% reliable and guaranteed.

### AIRLIGHT - New Solution in Lighting + Ventilation



Chatron has launched its latest product, AirLight, an innovative solution that redefines the standards of natural lighting and ventilation in indoor spaces. With a modern design and advanced features, AirLight promises to transform the way we conceive thermal and lighting comfort in perfect harmony.





## Accessories:

### DIFFUSER MODELS

Model	TS250	TS350	TS530	TS750
 <b>ST Flat</b> Heights greater than 9 m	•	•	•	•
 <b>High spherical</b> Heights less than 5 m	•	•	•	•
 <b>Low spherical</b> Heights between 5 to 9 m			•	•
 <b>STB</b> Application on slabs or suspended ceiling				•
 <b>Easy Clic</b> Application on slabs or suspended ceiling	•	•	•	
 <b>AL SQ/EC</b> Squares in false ceiling or visible ceiling.	•	•	•	



### KIT SAFEPROOF

Accessory to provide the Solar Tube with fire resistance from the outside Broof(T1), according to standard EN 1350-5:2016. It consists of an aluminum connection accessory, a layer of laminated tempered glass, surrounded by an effective sealant.



### TPM - THERMAL PERFORMANCE MODULE

Accessory to optimize the coefficient of thermal transmission between the inside and outside of the space, eliminating any thermal bridges between both sides.



### DIMMER

Dimmer entry of light with remote control infrared. Allows, in certain situations that require less input light, regulate the amount of light that is output to the space to be illuminated.



### ELEVA THERM DOME

To avoid snow accumulation, water accumulation, shading, etc., the dome of the Solar Tube must be raised beyond the roof, up to 50 cm. To maintain thermal insulation, the roof base cylinder is insulated with rock wool with the same characteristics as that used in roof insulation.



### ANGLES

Angles 30 °, 45 ° and 90 °. All can be regulated. Additional lengths of tube 625 mm, 1,250 mm or other measures on request.



### LEDin

The electric lighting kit allows you to adjust light bulbs of low consumption in the solar diffuser mirror, for operation during the night periods.

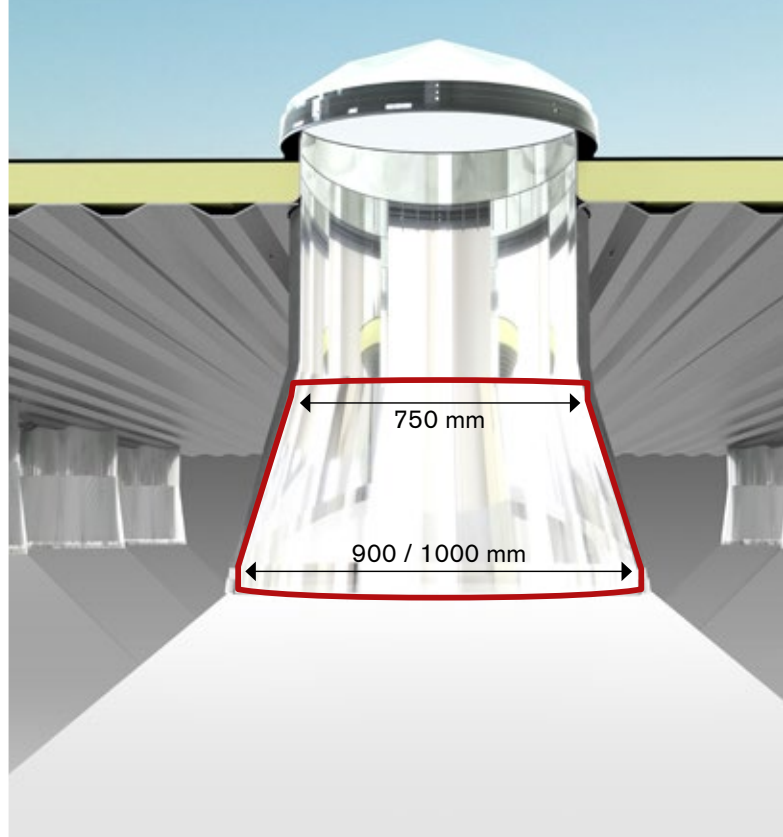
## ARCHITECTURE LINE

Solar Light Tubes for non-conventional applications: sophisticated combination of natural light and contemporary spaces.



## NEW MODELS EXPANSORLUX

Module that opens, expands and standardizes the delivery of natural sunlight that is routed through the Solar Tube.



ETA 22/0030



MADE IN  
EUROPEAN  
UNION



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### Distributor:



### SOLAR LIGHT TUBE with URANUS SYSTEM

Maximum use of natural sunlight  
+ Dimmable industrial LED lighting complement

