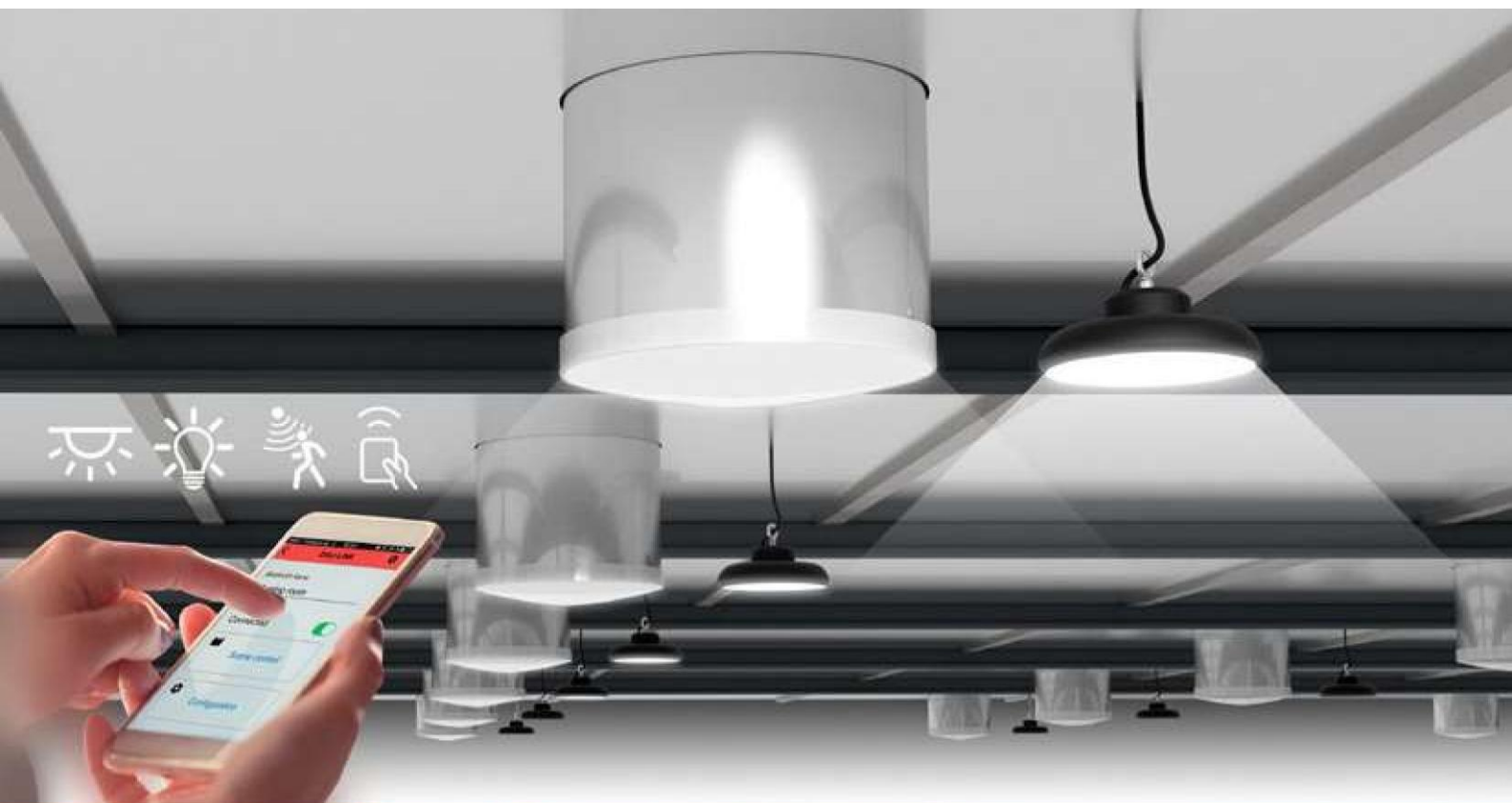




URANUS System

Maximum Efficiency in Industrial Lighting

Solar Tube + Dimmable Industrial Led + Smart Control

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Maximum use of natural solar lighting + Dimmable industrial LED lighting complement, working with solar tubes, industrial LEDs and intelligent energy management and control systems to maximize energy efficiency.

The Uranus System is composed of the Solar Tube and the dimmable industrial LED, in order to provide light for 24 hours without the need for any supplementary lighting for the spaces where they are applied. These spaces can be factories, warehouses, pavilions, etc and they operate with minimal energy consumption.

The great advantage of the Uranus system is that it is able to efficiently illuminate the space, consuming the least amount of energy for this purpose.

Intelligent lighting with maximum use of sunlight and complemented by industrial LEDs that can be dimmed according to existing brightness or presence detection and the Lux level required for that location (Smart Control).

This is possible because the Uranus system gives maximum priority to the natural lighting that comes from the Solar Tubes, supplementing it only by LED light in the amount needed to maintain the desired level of illumination for the room.



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TUBO SOLAR

During the daytime and with sun, all the lighting of the space comes from the sun. As night approaches or the day starts to get cloudier, the smart control introduces power to the LEDs in order to maintain the desired Lux level selected for that location at all times. During the day, the solar tubes transport natural lighting into the spaces, maintaining the quality of the environment that only solar tubes can achieve. In order to be able to light up at night or during cloudy periods, the smart control allows, for each model of solar tube, to light the spaces with the appropriate power.



INDUSTRIAL LED

WHAT DOES INDUSTRIAL LED DO?

- This solution offers maximum energy savings with highly efficient solar tube solutions combined with CHT-DIM industrial LEDs.
- CHT-DIM industrial LEDs allow maximum energy savings due to their high efficiency in terms of LEDs, drives and dimming system to be controlled by the Smart Controller and sensors.

The efficiency of chatron LEDs is 150 lumens / W, but this is just the principle of difference and maximizing efficiency.



Model	LED CHT-DIM-150	LED CHT-DIM-240
Power (W)	150	240
Size (mm)	260x260x163	300x300x177
Lumen	22500	36000
Beam Angle	90°	90°
CCT	4000/6000	4000/6000
Voltage	AC 100-277V	AC 100-277V
Power Factor	>0.95	>0.95
CRI	à 80	80
NET Weight	3.1 Kg	4.0 Kg



INDUSTRIAL LED 150W

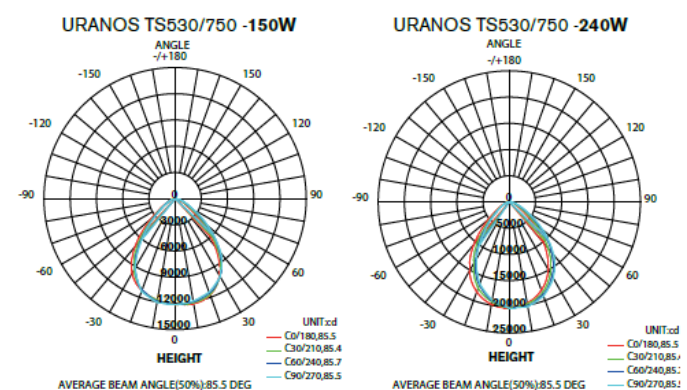


INDUSTRIAL LED 240W

Technical Characteristics of the URANUS System

Model	Tube Diameter (mm)	Diffuser (mm)	Clear Sky 120.000 Lux measured at 14h	LED Power	LED beam angle	Lumen LED
U-TS530 150W	530	900x660	20.000	150	90°	22.500
U-TS530 240W	530	950x660	20.000	240	90°	36.000
U-TS750 150W	750	1120x880	30.000	150	90°	22.500
U-TS750 240W	750	170x880	20.000	240	90°	36.000

Industrial LED light intensity distribution diagrams



SMART LIGHT CONTROLLER

SLC allows intelligent adaptation of the ambient light to the needs of the space in question, using a light intensity probe, motion sensor and a control app on the mobile phone.

DALI COMPACT: It is a autonomous solution, it already has the controller and DALI source, it allows you to control up to 50 luminaires.

DALI LINK: It has greater flexibility, allowing control through a mobile application, "B.E.G. DALI LINK".

