

ELETRONICA TIRRITO S.R.L.

Light up your ideas



Smart
Technology

Home
Automation

ICT
Technology

Street Lighting



Telemetry systems



Home automation



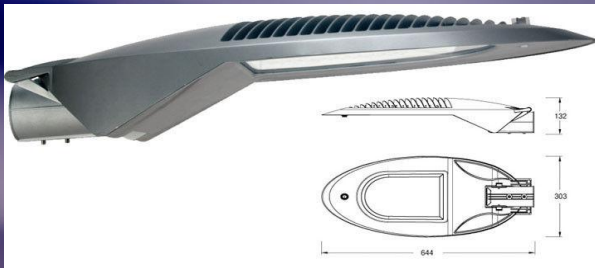
web site: www.elettronica-tirrito.it



From Idea
To Business

STREET LIGHTING

VENERE



Dim. 644*303*132mm;
Weight. max 7Kg ; Gray

Available powers:

36W 12 Led
54W 24 Led
72W 24 Led
108W 36 Led
144W 48 Led

PICASSO



Dim. 644*303*132mm;
Weight. max 7Kg ; Black

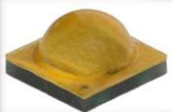
Led street lights in a captivating design , IP66, Insulating Class I-II, CE ENEC.

Die-casted aluminium body and upper shell, equipped with cooling fins for an optimal dissipation and extension of the LED's useful life. Painted with outdoor polyester powder protective coating.

High transparency 4mm thick tempered glass. Silicone gaskets. Stainless steel external screws.

Adjustable pole connection for high reach and pole-top attachments.

Source brightness efficiency >164lm/W.



Cree Led XP-G3 S4
Series >164lmW



Cree Led XHP-50
>140lmW



Ledil Lenses

web site: www.elettronica-tirrito.it

GREAT AREAS LIGHTING

VEGA



Available powers:

36W 12 Led

54W 24 Led

72W 24 Led

108W 36 Led

144W 48 Led

(Other powers on request)

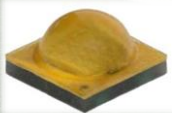
Vega B5: 210*300*75mm; Max 6 Kg

Vega B9: 450*300*78mm; Max 10 kg

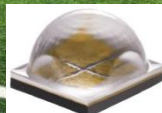
Vega B12 : 630*300*78mm; Max 12 kg

New generation LED projectors, innovative design suitable great areas such as for sport and leisure facilities and also tunnels. Die-casted gray aluminium body and upper shell, equipped with cooling fins for a optimal dissipation and extension of the LED's useful life. High transparency (higher than 95%) 4mm thick tempered glass diffuser. The silicone gaskets ensure maximum sealing against weather conditions.

Adjustable fixing bracket. External stainless steel screws. Source brightness efficiency >164lm/W



Cree Led XP-G3 S4
Series >164lmW



Cree Led XHP-50
>140lmW

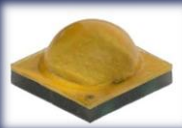


Ledil Lenses

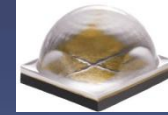
web site: www.elettronica-firrito.it

SUSPENDED LIGHTING

DELTA_S



Cree Led XP-G3 S4
Series >164lmW



Cree Led XHP-50
>140lmW



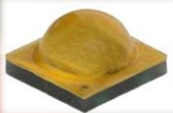
Ledil Lenses



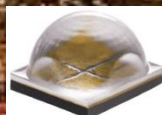
Available powers:
36W 12 Led
54W 24 Led
72W 24 Led
108W 36 Led
144W 12 Led XHP-50

Delta _S: 500*500*20mm: Max 6 Kg

Suspended new generation LED street lighting. Die-casted aluminium body and upper shell, equipped with V-shaped cooling fins for a optimal dissipation and extension of the LED's useful life. Metalized gray outdoor polyester powder protective coating. High transparency 4mm thick tempered glass. Silicone gaskets. Stainless steel external screws. Source brightness efficiency > 164 lm/W



Cree Led XP-G3 S4
Series >164lmW



Cree Led XHP-50
>140lmW



Ledil Lenses

web site: www.elettronica-tirrito.it

GARDEN LIGHTING

DELTA_G



Available powers Delta _G :

36W 12 Led

54W 24 Led

72W 24 Led

Dim: 500*500*60mm Max 6,5 Kg

GAMMA

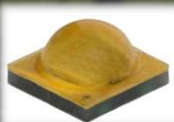


Available powers Gamma :

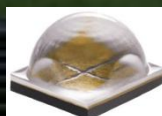
26W 12 Led

Dim: 348mm Max 1,5 Kg

Garden led lights. Die-casted aluminium body and upper shell, equipped with V-shaped cooling fins for a optimal dissipation and extension of the LED's useful life. Metalized gray outdoor polyester powder protective coating. High transparency 4mm thick tempered glass. Silicone gaskets. Stainless steel external screws. Source brightness efficiency > 164 lm/W



Cree Led XP-G3 S4
Series >164lmW



Cree Led XHP-50
>140lmW



Ledil Lenses

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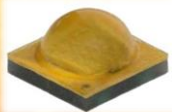
RELAMPING



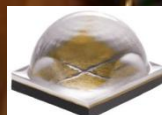
**Powers
disponibili:**
36W 12 Led
54W 24 Led
72W 24 Led
108W 36 Led
144W 48 Led

**Dissipator
dimensions:**
13*20*3cm
20*20*3cm
25*20*3cm
35*20*3cm
48*20*3cm

Artistic lamps and highbay relamping, including Dibond support and aluminium dissipator with cooling fins to extend the led's useful life; IP65. The ease of installation and the customization of the aforementioned, enables to produce a new efficient luminaire in an not expensive and practical way.
Source brightness efficiency >164lm/W.



**Cree Led XP-G3 S4
Series >164lmW**



**Cree Led XHP-50
>140lmW**



**Ledil Lenses 2X6 o
similare**

web site: www.elettronica-tirrito.it

ARTISTIC STREET LIGHTS



Available powers:
36W 12 Led
54W 24 Led
72W 24 Led
108W 36 Led
144W 12 Led XHP-50

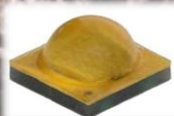
Plaf_art: 440*440*770mm; Max 8 kg



Artistic street lights in a captivating design , Insulating Class I-II.

Die-casted aluminium body and upper shell, equipped with cooling fins for an optimal dissipation and extension of the LED's useful life. High transparency 4mm thick tempered glass.

Silicone gaskets. Stainless steel external screws. Source brightness efficiency >164lm/W.



Cree Led XP-G3 S4
Series >164lmW



Cree Led XHP-50
>140lmW

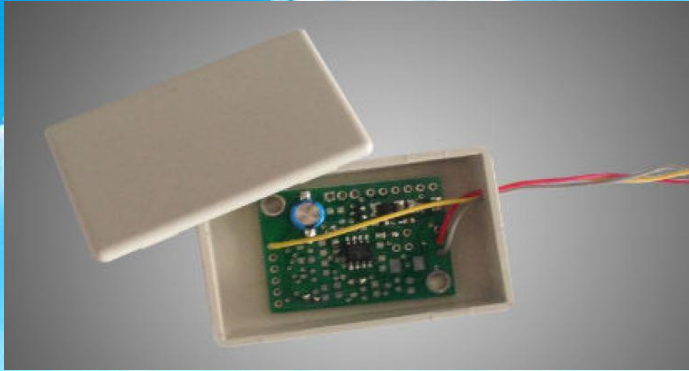


LediLenses

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ENERGY SAVING

ULTRA SMART DIMMING



The Ultra Smart Dimming module is able to manage the dimming of the street lamp or of any light fixture type through factory presetted steps, , to further reduce the energetic costs for lighting.

The module is supplied at 12VDC with an 0-10V output to connect to the input of the dimmable driver.

Cost reduction examples

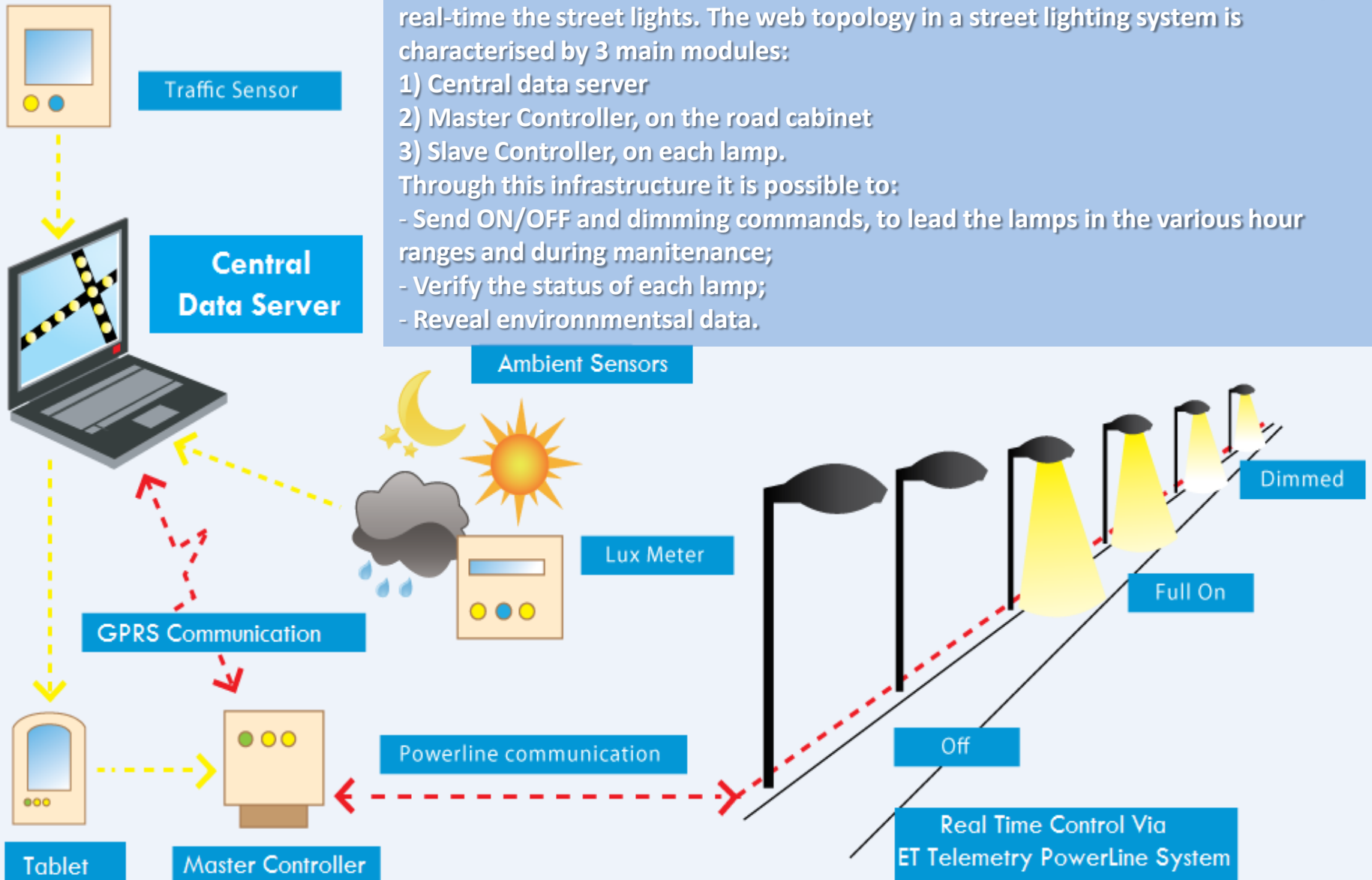
The energetic consumption for a 100W LED street lamp operating for 12 hours from 17:00 pm to 05:00 am, is 1,2kW. You can obtain a consumption optimisation managing the areas and the quantity of light in the various hour ranges. Progressively reducing the rated power, the total consumption equals the total of the various temporal intervals:

- from 17:00 to 21:59 (5 hours), rated power 100W, total consumption 500W;
- from 22:00 to 00:59 (3 hours) reduction del 10%, rated power 90W, total consumption 180W;
- from 01:00 to 01:59 (1 hours) reduction del 20%, rated power 80W, total consumption 80W;
- from 02:00 to 02:59 (1 hours) reduction del 25%, rated power 75W, total consumption 75W;
- from 03:00 to 05:00 (2 hours) reduction del 35%, rated power 65W, total consumption 130W;

The total consumption is 965W with a consumption reduction of about 20%.

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ZIGBEE TELEMETRY



RENEWABLE ENERGY

MPPT CHARGE REGULATOR

The microcontroller charge regulator is useful to control the charge of the batteries in a solar and/or wind system. Through the innovative MPPT integrated technique it allows the charge also in low voltage input conditions ensuring an efficient and durable charge, so that also in low wind speed and/or low light, REG_MPPT ensures the sufficient energy to the batteries, recovering those voltage levels that in absence of the charge regulator would have been lost.



DOMOTICA

SMART HOME ET

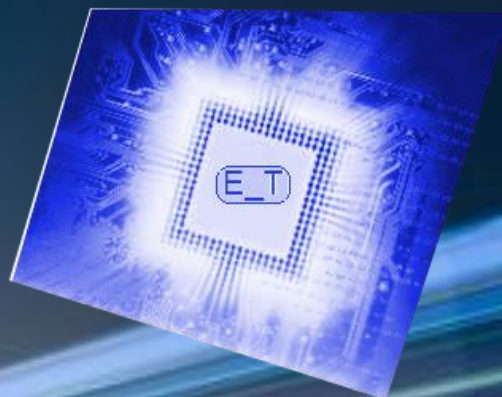
Electronica Tirrito - Domotic System Demo - Configurazione (Home -

Smart Home ET represents one of the latest technologies, developed thanks to the integration of electronics and computing, with the aim to improve the quality of life inside of your domestic environments. It is also a new way to understand the home and its environments, which gives more importance to the people wellbeing in the everyday life and determines higher safety levels, comfort, energetic efficiency and home usability. Since it is an highly versatile and customizable system and also adjustable to the requests of the final user, the domotic system can be extended to various areas such as the industrial, nautic and hotel ones. The system is based on the WiFi 802.11 b/g/n communication which allows to reduce the cabling costs and it is also easy to install.



Boards #1





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