Building illumination

Sterning a debate on artificial lighting in a journal dedicated to architecture may appear to be finall or a problem of utility plants. This is not just light; years from the actual facts but anyone who thinks along these lense poerturys poor information regarding the specialcation in the architectural area which in more advanced countries, is well-established, planned and program-

Own the 2-Manue period, for visible periods of great Mann in the adeases of displight becomes filled, and when he finds hamed in on exclusion devicements, the most and the state on the filled to each the stems of distinctions. So orificial allumination, fire and lighted most and the state of the state of the stems of distinctions. So orificial allumination, fire and lighted most should consider all the state of the state of the public periods and the state of the state of the state of the evolution of childration, at most second the firest as the state of the state of the state of the distinct as for each field split and on though the sole origing the consecution of the state of the state of conlings the state of the state of the state of the state of conditions the state of the state of the state of the conditions of the state of the state of the state of the conditions of the state of the s

for pleasure and not just for physiological needs.
 Our condition of partially blind has stoyed unchanged, but with the advent of electricity and then with the light-bulbs, we have acquired a practical and relatively long-leasing means which allow us to be bathed in artical light where, how, when and for as long as we

The cost of the energy is often the difficult down-side of the issue.

the issue.

Having the technical means that permit, we can esca-

minately, we increase our fear of the dark because we selves completely immersed in artificial light. In order to give a greater sense of security to his people, every

ting, every shop entry is a fountain of light, every façode abbears to be an advertising sign. It is obvious that under these new conditions of savage permeation by artificial light, we need to return to a discipline that ollows us to perceive architecture, a monument, a garden a store, a room in all its objective individuality: Architectural lighting does not mean adding random already, making it more easy to perceive and interpret with carefully studied systems.

In architecture in Italy - both interior and exterior - the lighting systems are almost always developed by representatives of the lighting equipment, by the manufactugoing against the grain, by the architects who unfortunately (not through their own fault) lack the specific training unavailable at the university - with some illu-

By designing exterior, interior, landscape lighting etc. we mean analyzing the various angles (architectural, historical, psychological, philological, technical, chromotic, economic, management...), the specific function of the environment, volume and similar factors, while trying to combensate the deficit of the natural lighting with the technical means available or if necessary, by

designing something specific To some this fashion of tackling the architectural illumination may appear to be logical and to others the complete opposite to how the professionals interpret illumination (in this country where we design and produce the most beautiful lamps in the world and as a result illumination would appear often to be a problem limited almost exclusively to the formal choices of the equipment to use).

The design of illumination is separate from the equipment which at the end of the day are just the instruments. They are not visible and allow the architect to individual with visual perception.

Architectural illumination is the conceptual design of that tangible phenomenon called artificial light; the

lighting equipment is just the means to produce it If we take a look at the theater for example, life is symbolized in all its complex psychological aspects and light the essential instrument for representing such archetypal symbolisms creating sensations, dreams and emotions, taking full advantage of the primordial magical relationship between light and dark. Through the theater, architectural illumination has intercepted average spectator perceives reality. However, this does that we are creating theater, on the contrary all we activate all the perception mechanisms that are widely

A banal example of 'empirical theatricality' - which from the sales counters for meat products in the supermarkets; fluorescent lights which emit carefully screened pink light are mounted above these counters. These give the meat a better color and the client's travchological reflexes come into blay deducing that this meat is fresh

Under the same logic, cold-emission fluorescent lights are mounted above the vegetable counters making the leaves abbear greener. The color is more intense, brighproducts are fresher. Try the experiment, place two appetizing bowls of ice-cream with relative spoons on one is well-lit but tastes awful; the other is delicious and left under poor light. Invite someone to help themselves and you will see that they will generally be attracted to the brightly lit bowl, without even tasting

Again, in a dark corridor, everyone will move spontaneously towards an open door which is lit as opposed to the unlit door.

Architectural lighting is always metabolized by the psychology of the observer. Think of a rectangular slope immerced in total dolinear, naturally we connote see. If I we place little light at the corners, noted once the control of the control of the control of the think when a rectangular happe in floric of us. If the one of the light is married (I we will provide a time of the light is married (I we will provide a time of the light is married (I we will provide a time of the light is the provided of the light is also as the psychological provided in the light is a psychological provided in the light is a psychological psychol

Yet this is not real perception, it is sensorial, psychological, and the quantity of fux (meaning light) emitted by the lamp and the shape of the equipment that contains it is, from the architectural point of view, exaulsitely non-influential.

Doposocy interspacehus, these short examples are cases of sublime persuasion, but they clarify two important concepts of architectural illumination - the first is the visual perception created primarily by doplight, it has a strong component of perceptive projudice - the second it that by analyzing these prejudices case-bycase with the use of artificial light supports rodely is read as a psychological re-interpretation.

agocial re-interpretation, in important projects, the only pseudodesign operation - lighly emphasized by the professional in the section and by our universities was limit tool activation of light (LDO) and the observed externor of the subsequence of the subsequence of the observed externor of the subsequence containing the tool of the observed externor of the subsequence of the observed externor of the subsequence of the observed externor of the subsequence of probabilities of a serious program of architectural filtertrophoton to a serious program of architectural filterprophoton to a serious program of architectural filterprophoton.

Architectural illumination involves a primary analysis of the building or the area in question to then interpret it and make I legible with on misunderstandings. In order to satisfy these theories professionally, the architects must have specific academic and cultural preparation - that unfortunately is sorely locking in

As a result the illumination is bad. Our buildings by night look as though they are façades; the articles in the exhibitions appear to be shaded by our own shadows or their abbearance is incomprehensible. Glass looks like plastic, plastic like wood, reds that appear brown, yellows green. The cities are in the hands of the "illuminated officials" who think that a service industry has the staff with the right amount of education to design architectural illumination of monuembellishment of the cities that are jewels; bureaucrats of cultural heritage that have the power but not the know-how, and who will approach almost any type of illumination as long as the lamps blend in with the environment... and so unfortunately we are slowly drowning in this sea of arrogant sub-technical provincialism.

in 8 possible that we shat other countries and visibles in the splender of the rise - the ordinateurs, the norms and hall, the mountaint of hall, the mountaint of hall, the mountaint of which is a possible that in the other countries, the head failing of the conjection is a perfectly inhibe and an event quantion while the other countries, the head failing of the conjection is perfectly inhibe and an event quantion while countries are perfectly inhibe and the reset quantion while countries of the countries of th

But there is a niggling doubt - could it be that in Italy the universities release architects from their studies, proud in the cruzy misconception that they are trained to design everything and anything? But if that be the case, are we not just alling with a bad dose of "Renaissance-kill".