

**The illumination between knowledge and exploitation for a new image of  
“Mondovì–Piazza”**

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The thesis suggests a new night image of “Mondovì Piazza” through the drawing up of a illumination’s town-planning scheme which underlines the distinguishing features of it, in order to exploit the urban context through the light.



*The plan “light’s image”: a literal transposition of the thought that has conducted the lighting project since the beginning. This idea is set in set my mind for a new night image of Mondovì’s square.*

The characterizing elements of town’s image emerge by lecture and interpretation of written and iconographic historical sources worded in the sixteenth and the nineteenth century. The research pays particular attention to studies, pictures and descriptions of forma urbis. These productions plays a fundamental role in divulgation of her image.

With this plan, the light becomes an instrument of knowledge and communication; it is able to put in relation the collectivity and the whole urban complex.

So, illumination isn’t meant to an episodic event or a simple summation of accurate interventions, but it is meant to a general plan, analogous and complementary to the other town-planning’s instruments.

From this point of view, the drawing up of a illumination’s town-planning’s aims at creating a more pleasant and safe night milieu. It giues to the lighting a central role in the process of identification and exploitation of roads, squares, buildings and monuments which represent collectivity’s historical and artistic patrimony.

So, the illumination’s town-planning is a concrete instrument of programming, realization and management of public and private services and it assumes a cultural connotation, too.

The project of illumination’s town-planning is issued from a preliminary careful study in lighting ambit; this study is constituted by a perceptive approach and by a technic alone.

The first one avails itself of a photographic relief, with a valuation of town's night vision inside territory.

It also uses an analysis of predominant sceneries which compares night and day. Time images of the same photos.

The technical approach outlines the present situation, plotting typology of instruments, supports and sources employed, their distribution on territory, their upkeep degree and check of illumination and uniformity's levels produced by the instruments.

These data photograph the present condition of Mondovì-Piazza's illumination's system, and they allow to elaborate a required picture of reference for the new plan.

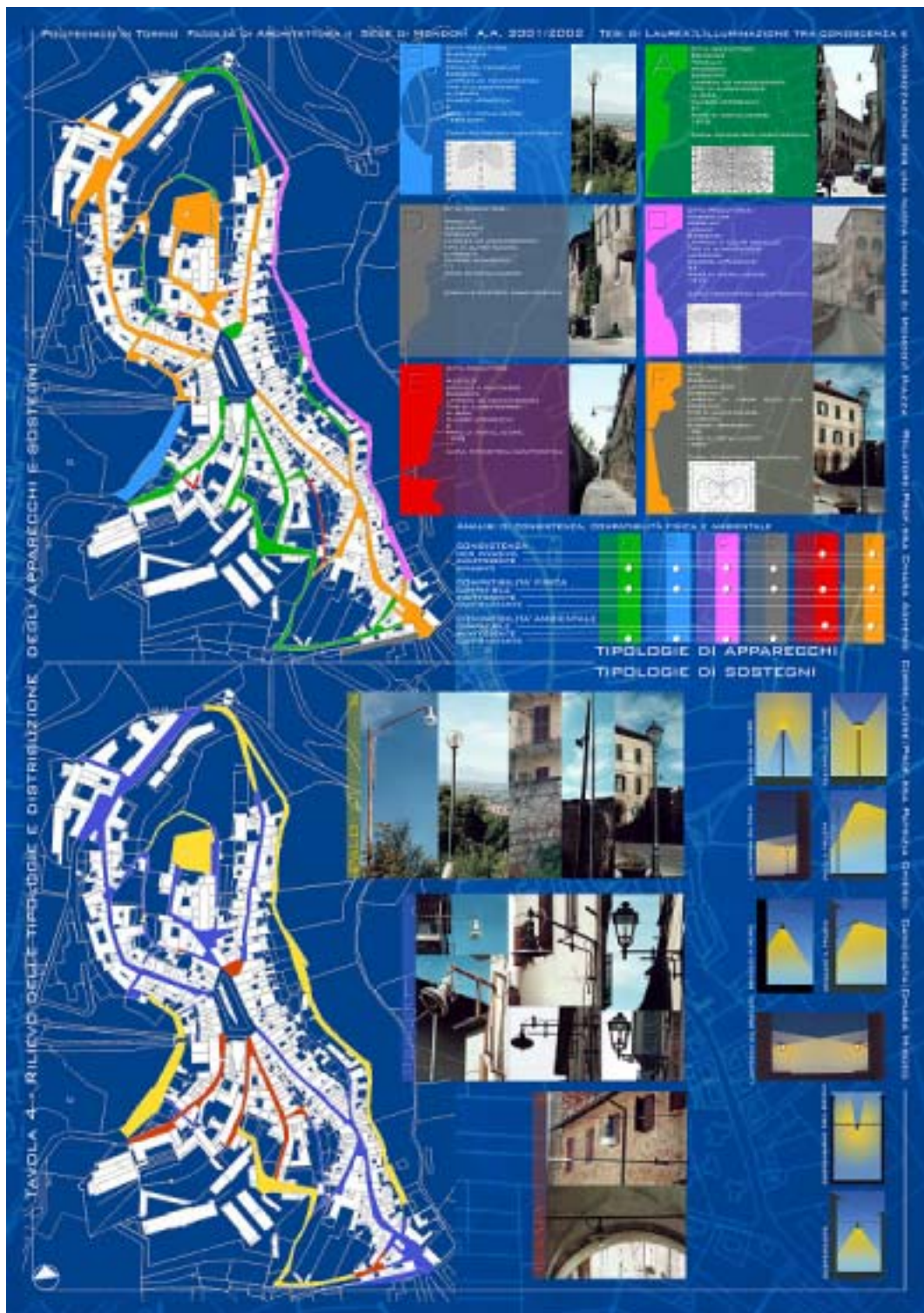
The new project is divided in functional areas; some goals are outlined for each area.

These objectives corresponding to rule about visual comfort, elaborated on technical laws.

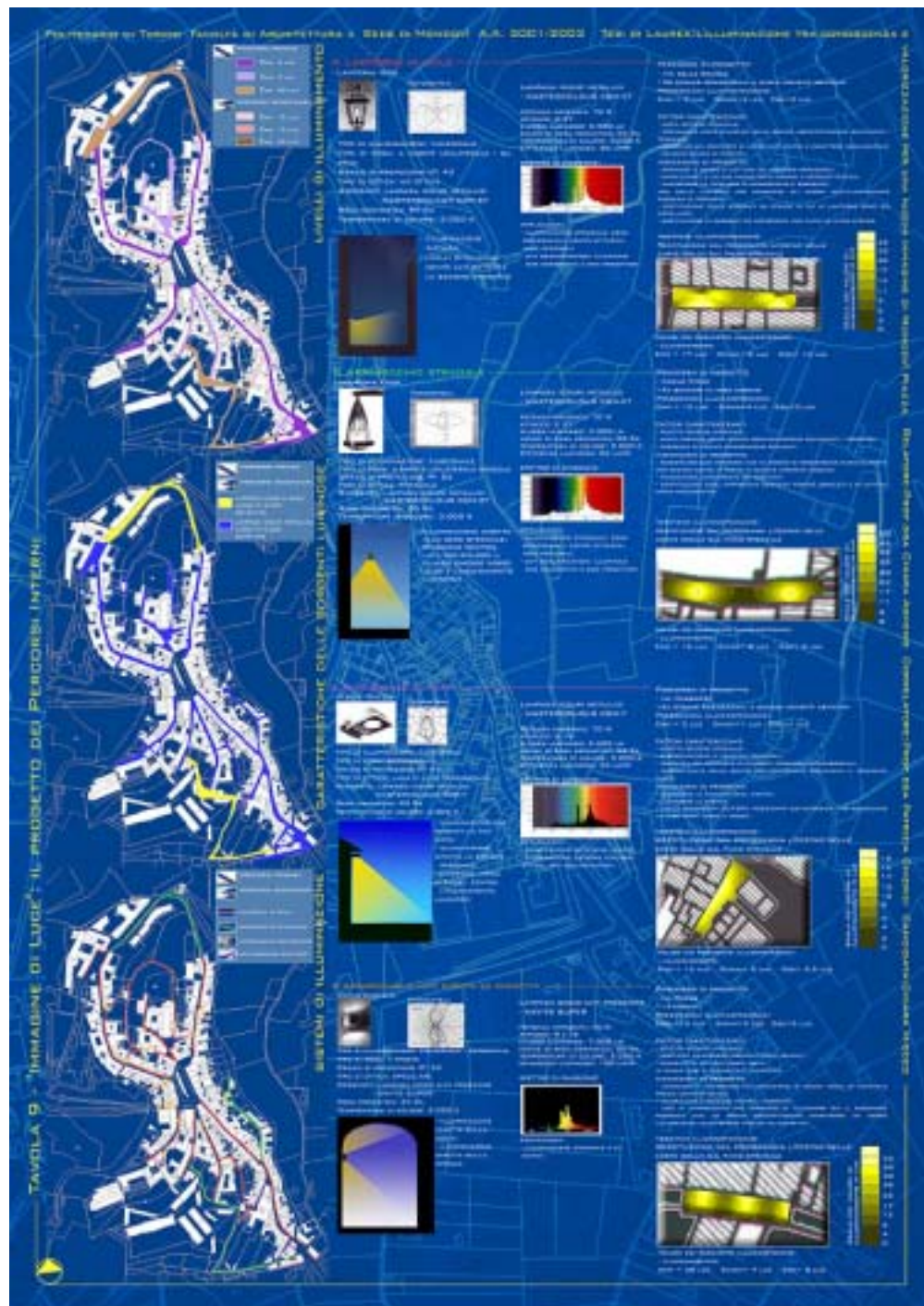
Then instruments and sources of light are chosen to give a colour's distribution, in order to characterize urban context, roads or singular architectonic element.

In this way, I chose only two instruments's typology in order to create with their designs an element that help the new image's construction of town's internal ways.

The project final phase was the quantitative valuation of lighting parameter, in order to verify the conformity with the plan's requirements, assumed in accordance with the standard and the sector's specific recommendations.



The drawing board resume the typology of luminaries at lamps post



*The drawing board resume the critical path of functional areas,  
choices of rise at functional test*

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