چکیده: در سه قرن اخیر، بسیاری از مردم دنیا، باربرس را به عنوان شاه نور مشاهده کرده‌اند: این شاه در اینکه به دلیل آنکه در عصر روشنگری مهم‌ترین مرکز آموزشی اروپا در شماری مقتدر و بی‌بند از دیپلمات و نیروی وزارت علوم و فناوری دنیا شناخته شده‌اند. این شاه با پژوهشی که به‌دست آمده از توجه به شناخته شده برای روشنگری اعضا و نورپردازی کالریکی یک راه‌گوینده در شهر مسیر پیشرفت در این زمینه است. روشنگری‌ها و نورپردازی‌ها به ترکیب تحقیقات و تعریف معنوی و فرهنگی عملکرد طراحی ایجاد عمده، علاوه بر معتقدات این

از سطح روشنگری

1. ساخته خانواده

روشنگری‌ها و نورپردازی‌ها به ترکیب تحقیقات و تعریف معنوی و فرهنگی عملکرد طراحی ایجاد عمده، علاوه بر معتقدات این

2. تعریف مشترک

روشنگری‌ها و نورپردازی‌ها به ترکیب تحقیقات و تعریف معنوی و فرهنگی عملکرد طراحی ایجاد عمده، علاوه بر معتقدات این

3. انتخاب طرح است

روشنگری‌ها و نورپردازی‌ها به ترکیب تحقیقات و تعریف معنوی و فرهنگی عملکرد طراحی ایجاد عمده، علاوه بر معتقدات این
1. A view of Paris at night. Eiffel Tower and Les Invalides (Napoleon’s tombe) are vivid in this image, Paris, France. Source: www.coastalrivers.org

2. Pic 2: In this image taken by astronaut Paolo Nesci in 2011, we can see the Paris Peripherique, axis de Champs-Elysees and the district of La Défense. A glimpse into the map shows the higher density of light sources in both the eastern and western Paris. Western part is the 16th region of Paris and the location of many embassies and noble settlements. East part is the 19th and 20th regions which are occupied by immigrants. Density of light sources in both cases is for security reasons. In the western part, the streets are illuminated to show the richness of a sense of power and wealth, Paris, France. Source: opendata.paris.fr

3. Pic 3: Map of the light sources’ locations in Paris. A glimpse into the map shows the higher density of light sources in both the eastern and western Paris. Western part is the 16th region of Paris and the location of many embassies and noble settlements. East part is the 19th and 20th regions which are occupied by immigrants. Density of light sources in both cases is for security reasons. In the western part, the streets are illuminated to show the richness of a sense of power and wealth, Paris, France. Source: opendata.paris.fr


5. Pic 5: La Défense towers. In this photo the axis of Champ-Elysees and the Eiffel Tower are clearly visible. The light halo becomes narrower from the city center to the suburbs. Paris, France. Source: www.frompas.com

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New Year, Paris, France. to France and Chinese president on the occasion of en-


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La Basilique du

Pho Pen

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La Basilique du Grand Palais 5 Arc de Triomphe
Galeries 3 Trocadéro 5 Sacré Cœur Montmartre
La Direction 6 - Place de l'Hôtel de Ville 5 Lafayette
L'Association 11 de la Voie et des Déplacements
Le Plan Climat de Paris 13 Franche-Comté de l'Eclairage
Vollet 14 Le plan biodiversité
13 Rue de la Cité 5 Montparnasse 7
12 Bréda 5 Avenue des Champs-Élysées 5
19 Boulevard de Strasbourg 5
18 Rue de l'Université 5
17 Rue de l'Université 5
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Pic 7: One of the famous stores in Paris; day and night.

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Tour Montparnasse 3 Tour Châtelet 1
La Bas
The continuance of day landscape in night

Nightscape planning in Paris

Abstract: Through the last three decades, Paris has been known as «La Ville-Lumière» («The City of Light»). This name firstly to its fame for being in the centre of education and ideas during the enlightenment age which gathered many writers and artists of that era. But later on, Paris become famous for its early adoption of street lighting and this event made the city’s identity; an identity which has continued till today and has become a pre-text for lighting to be considered as a specific guideline. In this city, the historical and public buildings are decorated with lights very delicately and carefully and these illuminations make Paris nights so poetic and full of romance.

Paris night lighting was launched since 1318 and its initial purpose was to bring security to the dark areas. It took about 2 centuries for Paris bourgeois to accept to pay for lighting candles at houses’ windows in the parliament area. In 18th century Paris lighting system was by oil-lights. These kinds of lights were transformed to gas-lights at late 19th.

Nowadays, Paris nights light with about 200 thousand sources and 304 sites (monuments, hotels, churches, bridges, statues, public buildings and waterfronts) are illuminated. The electricity for lighting the city costs about 12 million Euros per year and a large part of the Paris budget is allocated to that.

Providing security, beauty and creativity, identity and harmony with the context, persistence and sustainability, saving energy, environmental protection, visual comfort and light pollution control, modifying the day views, flexibility and change according to the time and adapting to the needs of users can be mentioned as nightscape design principles outlined in the Paris.

Policies for urban lighting design in Paris have created a nightscape which identically belongs to this city. Paris nightscape, despite being formed based on lighting the day landscape, makes a different image of the city in the remembrance of visitors. This image varies at different times of the year.

Some effective components of the Paris nightscape could be:

Creating vitality and shine in general view of buildings (especially historical buildings) in contrast with the daily figures which is some-what neuter and colorless, emphasizing on landmarks and signs in the urban landscape, controlling the light pollution in order to avoid visual confusion, using colors in lighting (especially in occasional lighting) with various techniques and performing various special images by lightings monuments in the national celebrations and events.

Keep the title «City of Light» as an identity for Paris nights has been made possible by the enormous economic cost, expertise and management. Despite the restrictions made by government programs to reduce energy consumption and air pollution (carbon 2020 program), this identity does not seem to be altered. Planning for optimizing the Paris lighting system is being compiled based on two criteria, «time» and «need», with an emphasis on creative answers and coordination with the city night life. These innovative solutions will add more richness and beauty to Paris nights in the coming years.

Key words:巴黎, City of Light, Urban lighting, Illumination management, Nightscape.

Reference list:


Pic 9: Paris opera: ordinary nights and events. The night view deletes or wipes out a number of elements and makes the visitors look at the direction that the designer leads them. Paris, France. Source (right and middle): www.operadeparis.fr (left): www.eturia.ro


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