

M O K A D e t a i l s D e s i g n M a n u a l

摩卡细部设计丛书

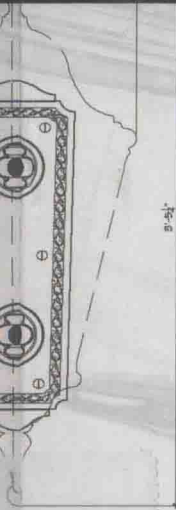


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LIGHTING DESIGN MATERIALS MANUAL

灯饰设计材料手册

香港理工国际出版社 编



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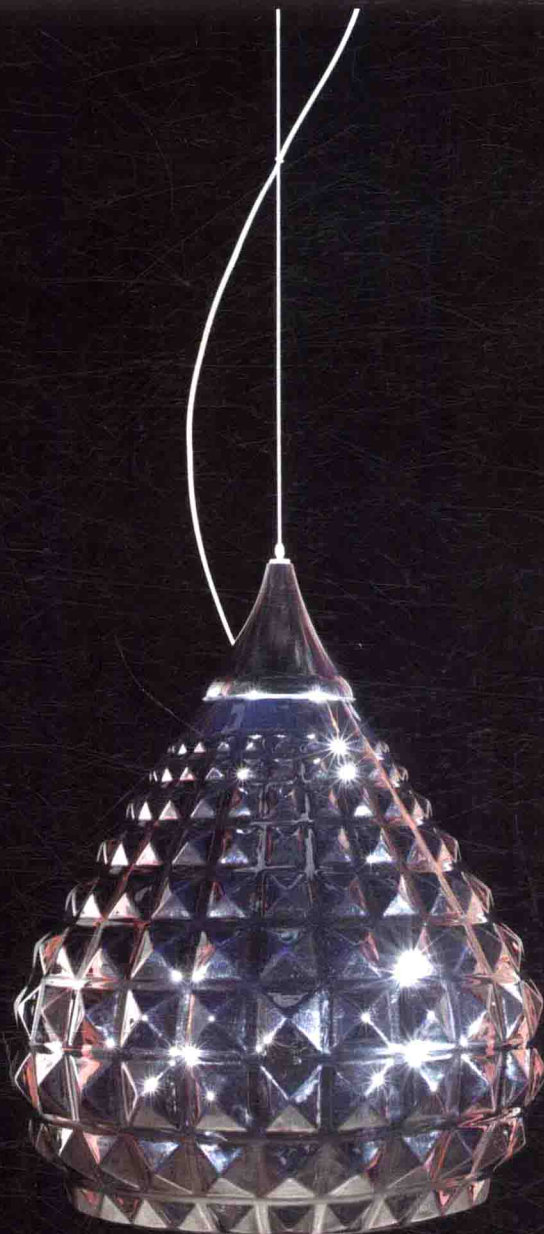
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In modern times, far beyond lighting, the lamps are more decorative and functional. There are three major trends covering residential, commercial, engineering and other lighting application fields: bright and energy-saving, practical and beautiful, special and changeable.

现代人对灯的认识远远超越了照明的含义，上升到装饰性和功能性的层面。节能求亮、实用求美、特效求变，这三大流行趋势涵盖了家居、商业和工程等多个灯饰运用的领域。



FOREWORD

前言

The lighting is the eye of night, and can make people calm and open-minded. However, at present, the lighting is not just the tool, but the ornament in the decoration. There are more and more lighting brands in the market, which are very brilliant and gorgeous, and make people dizzy.

The lighting is good at creating an atmosphere, and through changes of light and shadow, the space is more rich in hierarchy and vital, performing a variety of bedroom expressions. Together with fabric, furniture and other stylish decorations, the lighting plays an important role in human life.

In this book, a wide range of unique lighting on the market is collected for you. With different decorative styles, materials, functions and decoration notices, and various shapes, colors, textures, sizes, structures of lighting, this book will lead you into a wonderful world full of lighting charm.

灯是夜晚的眼睛，明亮的灯光可以使人的心情平静，可以使人的心胸开阔。然而现在，灯已不仅仅是照明工具，而且更多地作为装修中的装饰品。目前市场上出现的灯饰品种越来越多，在辉煌的灯光下，各式各样的灯显得格外艳丽，让人目不暇接。

灯光是营造气氛的高手，通过光影的变化，让空间更富有层次感、生命力，展现了丰富多彩的居室表情。灯饰和布艺、家具、装饰品一起点缀生活，起着举足轻重的作用。

在本书中，收录了市面上各式各样有特色的灯饰，从不同的装饰风格、材质、功能和装修注意事项出发，通过不同造型、色彩、质地、大小、结构特性的灯，为读者展现一个璀璨多彩的灯光世界。

INFORMATION OF LIGHTING

Lighting Style

There are four styles of lighting—European style, Chinese style, American style, Modern style. Each of them has its own merits.

Modern Style

The modern lighting is mainly simple, avant-garde, and fashionable. Aluminum and glass are the ideal materials; the appearance and shape are very special; the colors are mostly white and metallic color. The modern lighting is more suitably matched with the simple and modern decorative style.

European Style

The European style lighting focuses on the curve shapes and magnificent colors, similar to the European style decoration, which stresses ornate decoration, strong colors, and exquisite shape. Some of the European style lighting will deliberately create a mottled effect through the use of rust and black paint to pursue a vintage feeling.

American Style

Compared with the European style lighting, the American style lighting does not seem much different, with the same materials of resin and wrought iron and classical sentiment. However, the style and shape are relatively simple, and pay more attention to leisure and comfort.

Chinese Style

Compared with traditional Chinese style focusing on symmetry and delicate handcraft, the Chinese style lighting also emphasizes color contrast and Chinese patterns, such as *Riverside Scene at Qingming Festival*, Dragon and Phoenix, Peking Opera Masks and other Chinese elements, stressing classical and traditional cultural romantic charm. The decorative materials of the Chinese style lighting are mainly hollowed and carved wood, quiet and quaint. The imitated parchment lamp is usually round or square, with soft light, giving people a warm and quiet feeling. The round lamp is mostly used for decoration, and plays the most important role in the home design. The square lamp is usually ceiling lamp, surrounded with different kinds of railings and patterns, simple and dignified, brief and natural.

Lighting Materials

The lighting can be classified into ceramic lamp, crystal lamp, marble lamp, fabric lamp by the materials used. Different varieties of lamps have evidently different features due to the selection of materials.

Classical Ceramic Lamp

The ceramic lamp is made of ceramic, so it's very light; it can also stand up well to high temperature, and absorb light and heat. Its bracket is made of wood, and suitable for Chinese style. Redwood furniture coupled with the ceramic lamp can make a good effect.

Gorgeous Crystal Lamp

The crystal lamp is made of processed crystal, and its arm is mostly made of glass, acrylic and metal. The copper lamp arm can be used for a long time, and is not easy to be oxidized. The acrylic lamp arm is easy to change color after a long-time use. The glass lamp arm can be used for a long time, but is fragile. Chrome metal arm is easy to be oxidized. The crystal lamp is brilliant, but the cost of cleaning and maintenance is not low. The lamp bowl is mostly upward, so the crystal lamp is easy to become dirty, and there is a need to find a career man to clean, the cost of which is very high.

Noble Marble Lamp

The marble lamp is made of imported marble from Spain. There are two types of imported marbles—the marble lampshade is imported and the marble is imported and then processed in China. The former is more expensive, and you can feel a heavy sense of unique natural stone.

Warm Fabric Lamp

In addition to the design, the main value of the fabric lamp lies in the fabric. There are two types of fabric: imported from foreign countries and domestically produced, the prices of them are quite different. After fire-retardant treatment, the cloth on the lamp can stand up to high temperature and heat, and is safe and secure. Traditional fabric lamp feels soft and warm. But in fact, in addition to creating a warm and romantic atmosphere, the fabric lamp can also take advantage of colors, and other materials, such as glass and crystal to create a special, personalized and modern atmosphere.

There are also other types of lighting. For example, the glass lamp is glittering and translucent, but brittle and restricted in shape; the shell lamp pays more attention to the decoration; the resin lamp and wrought iron lamp are more common. Consumers can mix and match them according to their personal preferences.

灯饰知识点

灯的风格

按照灯的风格划分,灯饰可以简单分为欧式、中式、美式、现代四种不同的风格。这四种风格的灯饰各有千秋。

现代灯

简约、另类、追求时尚是现代灯饰的最大特点。其理想的材质是铝材和玻璃。在外观和造型上以特殊的表现手法为主,色调以白色、金属色居多,更适合与简约、现代的装饰风格搭配。

欧式灯

欧式灯强调以华丽的装饰、浓重的色彩,精美的造型达到雍容华贵的装饰效果,与欧式装修风格相近,注重曲线造型和色泽上的富丽堂皇。一些欧式灯还会以铁锈、黑漆等特意营造出斑驳的效果,追求复古的感觉。

美式灯

美式灯与欧式灯似乎没有太大区别,其用材一致,多以树脂和铁艺为主,依然注重古典情怀,只是美式灯风格和造型上相对简约,更注重休闲和舒适感。

中式灯

与传统的造型讲究对称,精雕细琢的中式风格相比,中式灯也讲究色彩的对比,图案多为《清明上河图》,龙凤、京剧脸谱等中式元素,强调古典和传统文化神韵。中式灯的装饰材料多以镂空或雕刻的木材为主,宁静古朴。其中的仿羊皮灯光线柔和,色调温馨,给人温馨、宁静的感觉。仿羊皮灯主要以圆形与方形为主。圆形的灯大多是装饰灯,在家居设计中起画龙点睛的作用;方形的仿羊皮灯多以吸顶灯为主,外围配以各种栏杆及图形,古朴端庄,简洁大方。

灯的材质

从灯的材质来看，可以分为陶瓷、水晶灯、云石灯、布艺灯等。由于选材的不同，各种灯也存在明显不同的特点。

古典的陶瓷灯

陶瓷灯即采用陶瓷制作的灯。陶瓷灯具有耐高温、吸光吸热的特点。由于采用的是薄坯陶瓷，灯具很轻。其灯架多为木制，一般适合中式风格。红木家具配上陶瓷灯，效果很好。

绚丽的水晶灯

水晶灯主要采用加工后的水晶制作，其灯臂以玻璃、亚克力、金属等居多。铜质的灯臂使用时间长，不易氧化变色；亚克力制的灯臂经过长时间使用容易变色发黄；玻璃制的灯臂使用时间长但易碎；镀铬的金属灯臂容易氧化变色。水晶灯虽绚丽，但清洗和保养成本却不低。由于多是朝上的灯碗，水晶灯很容易积灰，需要找专门的工作人员清洗，成本很高。

高贵的云石灯

云石灯是采用西班牙进口云石制作的灯具。进口云石分为两种情况，一种是进口云石灯罩，另一种是将云石进口后，在国内加工制作成灯。前者价格更为昂贵，可以感到天然石材特有的厚重感。

温馨的布艺灯

除设计外，布艺灯的主要价值在于布艺。布艺分进口和国产两种，价格相差较大。由于经过阻燃处理，灯上的布都耐高温和热，安全有保障。传统的布艺灯让人感觉柔和温馨。但实际上，除了营造温馨浪漫的气氛外，布艺灯也可借助颜色和其他材质（如玻璃、水晶等）营造出另类、个性和现代的气息。

此外，还有很多其他材质的灯，如玻璃灯，晶莹剔透，但易碎且在造型上受到限制；贝壳灯更注重装饰性；树脂灯和铁艺灯也较为常见。消费者可依据个人喜好混合搭配。







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