

Glass Craftsmanship and Humanistic Spirit: Humanist Philosophical Ideas and Aesthetic Expression in Lamp Glass Works

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Abstract: This article explores the relationship between glass craftsmanship and humanistic spirit. Taking the glass works of Deng Gong as an example, it analyzes the humanistic philosophical thoughts and aesthetic expressions contained in them. By studying the history and development of glass craftsmanship, we discovered elements related to humanism in glass works, such as care for human nature and the pursuit of harmony between nature and mankind. As an art form, lampwork glass works convey the aesthetic value of humanistic philosophy through its unique skills and expressions. In the works, we can see the thinking and expression of human emotions, interpersonal relationships and social issues. Glass craftsmanship and humanistic spirit influence each other. Glass craftsmanship interprets and transmits humanistic philosophical ideas, while humanistic philosophical ideas inspire the innovation and development of glass craftsmanship. By studying the relationship between glass craftsmanship and humanistic spirit, we can better understand and appreciate the humanistic philosophy and aesthetic value conveyed by Deng Gong's glass works.

Keywords: Glass Craftsmanship, Humanistic Spirit, Humanistic Philosophy, Aesthetic Expression, Lighting Glass Works

1. INTRODUCTION

1.1 History and Development of Glass Technology

As an ancient and magical art form, glass technology has a long history and rich development. Since ancient Egypt and ancient Greece, people have begun to explore and study the production and processing technology of glass. With the passage of time, glass technology has gradually developed into a unique art form, and has been widely used and developed in different cultures (Xu, 2022). The history and development of glass technology reflect the pursuit of beauty and the expression of creativity. From the earliest glass beads and utensils to the later windows and mirrors, glass technology continues to evolve and innovate, showing a rich variety of forms and styles. In the glass works of lighting workers, we can see the exquisite craftsmanship and unique forms of expression of glass craftsmanship, which create unique light and shadow effects through the penetration and refraction of light, which gives charm and vitality to the

works (Bai, 2022; Chen, 2024).

The development of glass technology is also closely related to humanistic philosophy. Humanism emphasizes human dignity and value and pays attention to human emotional, moral and social problems. In the glass technology, we can see the concern for human nature and the pursuit of harmony between nature and human beings. Through the aesthetic expression of lighting glass works, artists convey their thoughts on human emotions and interpersonal relationships, as well as their attention to social issues. Glass technology and humanistic spirit influence each other, glass technology interprets and transmits humanistic philosophy, while humanistic philosophy enlightens the innovation and development of glass technology. Through the study of the history and development of glass technology, we can better understand and appreciate the humanistic philosophy and aesthetic value conveyed by the works of lighting glass. In the following chapters, we will deeply discuss the humanistic philosophy and aesthetic expression in the works of lighting glass, as well as their significance and influence on glass technology.

1.2 The Relationship Between Humanistic Philosophy and Aesthetic Expression

As a unique art form, glass technology shows the close relationship between humanistic philosophy and aesthetic expression through its unique material characteristics and technical techniques. Humanistic philosophy emphasizes human dignity, freedom and individual value, while aesthetic expression is the way for artists to convey feelings and ideas through their works. In the works of lighting glass, humanistic philosophy and aesthetic expression blend with each other to construct a unique artistic language and meaning. First of all, the humanistic philosophy in the works of lighting glass is reflected in the attention to human dignity and freedom. Through its transparent, fragile and fragile characteristics, glass works present the fragility and limitation of human beings, causing viewers to think about human existence. At the same time, through design and creation, artists express human dignity and freedom in their works, and convey the pursuit and call for human dignity and freedom through the use of images and symbols. Secondly, the philosophy of humanism in the glass works of lanterns is reflected in the attention to the value and diversity of individuals. Each glass work is the artist's unique expression and creation of the individual, showing the unique charm and diversity of the individual through the use of shape, color and light. This kind of expression which pays attention to the individual reflects the respect and attention to the

individual in the humanistic philosophy, and emphasizes the uniqueness and value of each person (Wang, 2022). Finally, the aesthetic expression in the lighting glass works is realized through the creation of the artist and the appreciation of the viewer. Through the characteristics and technical techniques of glass materials, artists create unique images and light and shadow effects, so that the works show a sense of beauty and artistic value. In the process of appreciating the works, the viewer can experience the aesthetic pleasure and thinking enlightenment through the perception of image, color and light. This kind of aesthetic expression is not only the transmission of the artist's emotion and thought, but also the interaction and resonance between the viewer and the work. There is a close relationship between humanistic philosophy and aesthetic expression in Lantern Glass works. Through the attention to human dignity, freedom and individual value, the artist creates a unique image and light and shadow effect through the characteristics and technical techniques of glass materials, and conveys the pursuit and call for human dignity and freedom. In the process of appreciating the works, the viewer can experience the aesthetic pleasure and thinking enlightenment through the perception of image, color and light. The blending of humanistic philosophy and aesthetic expression endows the glass works with unique artistic language and meaning (Chen, 2021).

2. AN OVERVIEW OF HUMANISTIC PHILOSOPHY

2.1 The Origin and Development of Humanistic Philosophy

Philosophy is a discipline that discusses the existence, knowledge, value and reality of human beings. its origin can be traced back to ancient Greece. In ancient Greece, philosophers began to think and explore the nature of the world, human purpose and moral values. These thoughts and explorations form the foundation of philosophy and lay the cornerstone of its development (Kongsuwan et al., 2021). The development of philosophical thought has gone through many periods and schools. Ancient Greek philosophy includes the thoughts of philosophers such as Plato and Aristotle, who pay attention to human reason and wisdom, and explore the issues of truth, beauty and morality. Medieval philosophy was mainly influenced by Christian theology, emphasizing the existence of faith and God. During the Renaissance, humanism sprang up, emphasizing human dignity and freedom, and having an optimistic attitude towards human reason and ability. During the Enlightenment, philosophers

advocated a rational and scientific way of thinking, emphasizing individual rights and freedoms (Galvez et al., 2021). The development of philosophical thought has played an important role in promoting the progress of human civilization. It not only provides the understanding and understanding of the world, but also provides people with moral and ethical guiding principles. There is also a close relationship between philosophical thought and art, and works of art often express the concept and value of philosophical thought. In the works of lighting glass, the influence of humanistic philosophy is also reflected. Through the creation of glass technology, artists convey their pursuit of human dignity, freedom and equality, as well as their attention to social issues. With the help of the transparency of glass and the refraction of light, they create unique art forms to express their thoughts on human emotions and interpersonal relationships. These works not only show the technical and aesthetic value of glass technology, but also bear the connotation and significance of humanistic philosophy (Zhang, 2021). Through an overview of the origin and development of philosophical thought, we can better understand and appreciate the humanistic philosophical thought and aesthetic expression contained in Denggong glass works. In the following chapters, we will deeply discuss the humanistic philosophy and aesthetic expression in the works of lighting glass, as well as their significance and influence on glass technology.

2.2 The Core Idea of Humanistic Philosophy

Philosophy is a discipline that discusses the existence, knowledge, value and reality of human beings. It covers a wide range of fields, including metaphysics, ethics, aesthetics and political philosophy. In philosophy, there are many different schools of thought and schools, one of which is humanistic philosophy (Hauer, 2021). The core idea of humanistic philosophy is human-centered, emphasizing human dignity, freedom and value. It pays attention to the existence and significance of human beings and pursues human happiness and all-round development. Humanistic philosophy emphasizes individual autonomy and free will, and holds that human beings have the ability of self-determination and should pursue truth, goodness and justice (Xiuhong, 2020). Humanistic philosophy emphasizes human subjectivity and self-consciousness, and holds that human beings are free and creative. It emphasizes human emotion, emotion and emotional experience, and believes that these are important parts of human life. Humanistic philosophy also emphasizes the harmonious coexistence of human beings and nature, as well as the

establishment of positive and equal relations with others. In the works of lighting glass, the philosophical thought of humanism has been embodied. Through the artistic expression of glass technology, artists can convey human emotions and emotions and explore the meaning and value of human existence. The aesthetic expression in glass works can arouse the emotional resonance of the viewer and arouse the thinking of human life and human conditions. Through the humanistic philosophy in glass works, people can better understand and appreciate the power of art, but also think more deeply about the existence and significance of human beings (Environment, 2020). Humanistic philosophy emphasizes human dignity, freedom and value, is human-centered, and pursues truth, goodness and justice. In the works of Lighting Glass, the philosophical thought of humanism is embodied, which arouses the viewer's thinking through artistic expression and arouses the attention to the existence and meaning of human beings. This kind of humanistic aesthetic expression makes the glass works of lighting workers have more depth and connotation, so that people can better understand and appreciate the power of art (Lv, 2020).

2.3 The Relationship between Humanistic Philosophy and Art

There is a close relationship between philosophical thought and art. Philosophical thought provides a profound thinking and theoretical basis, while art conveys these ideas through form and expression. As a way of expression, art can touch people's hearts and arouse thinking and resonance in a perceptual way. Philosophy, on the other hand, provides ideological guidance and theoretical support to make works of art more in-depth and connotative (Luo, 2020). Humanistic philosophy emphasizes human dignity, freedom and value, and pays attention to human existence and significance. In art, humanistic philosophy is embodied in the concern for human emotion, human experience and human relations. Artists express human emotions, thoughts and inner world through works of art, showing the exploration and pursuit of human existence and dignity. As a kind of aesthetic expression, art can convey humanistic philosophy through artistic elements such as form, color, composition and so on. Artists can create unique forms and light and shadow effects through glass technology, and integrate humanistic ideas into their works. For example, lighting glass works can create a warm and comfortable atmosphere through soft light and exquisite modeling, and convey the care and call for human emotions and relationships (Wu & Liang, 2019). The relationship between humanistic philosophy and art complements each other. Philosophy provides a profound ideological basis and theoretical support for art, which

makes works of art more ideological and connotative. On the other hand, art conveys philosophical ideas through form and expression, making it more vivid and perceptual. This relationship makes the work of art not only aesthetic enjoyment, but also a kind of ideological enlightenment and emotional touch. In the glass works of lanterns, the expression of humanistic philosophy makes the works more meaningful and meaningful. Through the glass craft, the artist creates a unique form and light and shadow effect, which integrates the thought of humanism and makes the work have emotional resonance and ideological enlightenment. Such works of art can not only beautify the environment, but also arouse the thinking and resonance of the viewer, making people think more deeply and specifically about the existence and value of human beings (Chemistry, 2019). There is a close relationship between philosophy and art, and the combination of humanistic philosophy and art is reflected in Denggong's glass works. As a kind of aesthetic expression, art conveys the thought of humanism through form and expression, which makes the work more ideological and connotative. This relationship makes the work of art not only aesthetic enjoyment, but also a kind of ideological enlightenment and emotional touch.

3. GLASS TECHNOLOGY AND HUMANISTIC PHILOSOPHY

3.1 An Overview of Humanistic Philosophy

Philosophical thought, as a discipline that discusses the problems of human existence, knowledge, value and reality, is closely related to artistic creation. As a unique form of artistic expression, glass technology is no exception. In the works of Lighting Glass, the philosophy of humanism is embodied, which expresses the pursuit of human dignity, freedom and equality, as well as the concern for social problems (Choon, 2017). Humanistic philosophy emphasizes human dignity, freedom and value. It pays attention to human reason and wisdom, and discusses the issues of truth, beauty and morality. The origin of humanistic philosophy can be traced back to ancient Greece. Philosophers such as Plato and Aristotle thought deeply about the nature and significance of human beings. They believe that human beings have the ability of reason and wisdom, and can achieve the perfection of the individual and society by thinking and pursuing the truth. Medieval Christian philosophy emphasized the existence of faith and God, but also emphasized human dignity and freedom. During the Renaissance, humanism sprang up, emphasizing

human dignity and freedom, and having an optimistic attitude towards human reason and ability. During the Enlightenment, philosophers advocated a rational and scientific way of thinking, emphasizing individual rights and freedoms. In the glass works of lanterns, artists convey the connotation and significance of humanistic philosophy through the creation of glass technology. With the help of the transparency of glass and the refraction of light, they create unique art forms to express their thoughts on human emotions and interpersonal relationships. These works not only show the technical and aesthetic value of glass technology, but also bear the pursuit of humanism for dignity, freedom and equality (Bhagawati et al., 2016). With the combination of glass technology and philosophical thought, the glass works of lighting workers not only have aesthetic attraction, but also contain profound humanistic philosophy. By appreciating and understanding these works, we can think about the existence and significance of human beings and our relationship with the world, so as to enhance our aesthetic experience and ideological realm.

3.2 Humanistic Elements in Glass Technology

As an art form, glass technology is not only a use of technology, but also a reflection on the existence and significance of human beings. In the glass technology, the philosophical thought of humanism has been embodied, and the profound humanistic elements have been conveyed through artistic expression (Abbacan-Tuguic & Marnag, 2016). First of all, the humanistic elements in glass craft works are reflected in the concern for human dignity and freedom. Glass craft works often show human uniqueness and individual free will through fine design and production. Artists express their pursuit of human dignity and freedom through the shape and color of glass, showing the beauty and uniqueness of human beings. Secondly, the humanistic elements in glass craft works are also reflected in the attention to human emotion and emotional experience. Glass works often create a rich variety of visual effects and arouse the emotional resonance of the viewer through the refraction of light and the change of color. Through the transparency of the glass and the change of light, the artist expresses his attention to the human emotional world and arouses the viewer's thinking and understanding of his own emotional experience (Lee, 2016). In addition, the humanistic elements in glass craft works are also reflected in the harmonious coexistence between human beings and nature and the attention to the relationship between others. Glass works often show the harmonious symbiosis of human and nature by combining natural elements and human images. Through the shape and material of

glass, the artist expresses the pursuit of the harmonious relationship between human beings and nature, as well as the expectation of harmonious coexistence between human beings. The humanism element in the glass craft works reflects the profound influence of philosophical thought on it. Through the attention to human dignity and freedom, human emotion and emotional experience, as well as the harmonious coexistence between human and nature and the relationship between others, glass craft works convey profound humanistic philosophy. The existence of this humanistic element makes glass craft works more ideological and connotative, so that people can not only appreciate art, but also think about the existence and significance of human beings (Pido, 2015).

3.3 The Influence of Humanistic Philosophy on Lighting Glass works

There is a close relationship and mutual influence between glass technology and philosophical thought. Philosophy plays an important role in guiding and influencing the creation and aesthetic expression of lighting glass works. In the works of lighting glass, the philosophical thought of humanism is particularly prominent. Through the creation and expression of the artist, the philosophical thought is integrated into the work, giving the work a deeper connotation and meaning. First of all, philosophy provides ideological support and guidance for the works of lighting glass. Humanistic philosophy pays attention to human dignity, freedom and value, and emphasizes the importance of human emotion and relationship. In the works of lighting glass, the artist conveys the care and call for human emotion and relationship through artistic elements such as form, color, light and shadow. Philosophy provides artists with a reflection on the existence and meaning of human beings, which makes the works richer and deeper (Meland, 2013). Secondly, philosophy affects the aesthetic expression of lighting glass works. As a way of aesthetic expression, art can convey thoughts and emotions through form and expression. Philosophy provides artists with aesthetic theoretical basis and guidance, making works of art more ideological and connotative. In the glass works of lanterns, the artist creates unique forms and light and shadow effects through glass technology, which integrates the philosophy of humanism and makes the works have emotional resonance and ideological enlightenment. While appreciating the works, the viewer will also be thought and resonated, which makes people think more deeply and concretely about the existence and value of human beings (Isida et al., 2015). Glass technology itself is also closely related to philosophy. As a kind of material, glass has the

characteristics of transparency, fragility and plasticity, which echoes the existence and emotion of human beings. Philosophy emphasizes the existence and significance of human beings, and glass technology can express people's emotions and thoughts more intuitively and profoundly through its unique characteristics. The artist creates exquisite glass works of chandeliers through glass technology, which integrates the philosophy of humanism and makes the works have more rich and in-depth expression (Chenoivanchenko, 2015). There is a close relationship and mutual influence between glass technology and philosophical thought. Philosophy provides ideological support and guidance for the glass works of lanterns, which affects the creation and aesthetic expression of the works. Artists through glass technology to create a unique form and light and shadow effect, the philosophy of humanism into it, so that the work has a richer and in-depth expression. This relationship makes the glass works of lighting workers not only aesthetic enjoyment, but also a kind of ideological enlightenment and emotional touch.

4. AESTHETIC EXPRESSION IN LIGHTING GLASS WORKS

4.1 The Characteristics and Skills of Lighting Glass Works

As a unique art form, lighting glass works express a unique aesthetic artistic conception through the craftsmanship and creation of glass technology. These works not only show the transparency of glass and the refraction of light, but also integrate the philosophy of humanism, showing a unique aesthetic expression. First of all, the characteristic of the lighting glass work lies in its unique material and shape. As a transparent and fragile material, glass shows its unique beauty through the artist's ingenious handling and skill. The glass works of the lanterns are often presented in the form of lamps and lanterns. Through the illumination of the lights, the glass works emit a unique light and shadow effect, creating a mysterious and dreamy atmosphere (Hauer, 2014). Secondly, the technical requirements of the lighting glass works are extremely high, which requires the artist to have exquisite glass craftsmanship. The glass production process needs to go through many links, such as high temperature melting, blowing, carving and so on, each of which needs the artist's meticulous operation and precise mastery. Through their ingenious skills, the artists make the glass works show a unique shape and texture, and enhance the artistry and ornamental value of the works. In terms of aesthetic expression, the glass works of lighting workers convey a mysterious and

dreamy atmosphere through their unique forms and light and shadow effects. This atmosphere echoes with the philosophy of humanism and emphasizes the expression of human inner emotion and spiritual world. By watching the works of lighting glass, people can feel a sense of beauty and thinking beyond daily life, which leads to the thinking of human existence and humanistic value (Schneider, 2014). In short, the lighting glass works show a unique aesthetic expression through its unique material and shape, as well as the artist's superb craftsmanship. These works not only have artistic and ornamental value, but also integrate the philosophy of humanism, showing a mysterious and dreamy atmosphere, causing people to think about human existence and humanistic value. By appreciating and understanding these works, we can improve our aesthetic experience and ideological realm.

4.2 The Aesthetic Value of Lighting Glass works

As an art form, Lighting Glass works show rich and varied aesthetic value with its unique materials and craftsmanship. In these works, aesthetic expression is not only the pursuit of beauty, but also a kind of exploration and expression of philosophical thought. First of all, the aesthetic expression of lighting glass works is reflected in the harmonious unity of shape and color. Through the transparency of glass and the refraction of light, the artist creates rich and colorful forms and color effects, which make the works have a strong visual impact and aesthetic feeling. This harmonious unity of form and color is not only the pursuit of beauty, but also the thinking and expression of the relationship between form and color in philosophy. Secondly, the aesthetic expression of lighting glass works is also reflected in the use of light and shadow. Through the illumination of light and the transparency of glass, the artist creates a smart light and shadow effect, which makes the work produce an unpredictable sense of beauty in space. The application of light and shadow is not only the pursuit of beauty, but also the embodiment of the symbolic meaning and philosophical thinking of light and shadow in philosophy (Jeong et al., 2013). In addition, the aesthetic expression of lighting glass works is also reflected in the combination of form and function. The glass works of lighting workers are not only decorative and ornamental, but also practical and functional. Through ingenious design and production, the artist makes the work achieve a perfect unity in form and function. This combination of form and function is not only the pursuit of beauty, but also the embodiment of the relationship between form and function and philosophical thinking in philosophy. To sum up, the aesthetic expression

in the works of lighting glass reflects the profound influence of philosophical thought on it. Through the harmonious unity of form and color, the use of light and shadow, and the combination of form and function, the works of lighting glass show rich and varied aesthetic value. The existence of this kind of aesthetic expression makes the work of lighting glass not only a kind of decoration or practical object, but also a carrier of philosophical thought and aesthetic experience. While people appreciate these works, they can also feel the enlightenment and touch of philosophical thinking and aesthetic emotion (Sarma, 2012).

4.3 The Aesthetic Expression of Humanism in The Glass Works of Lighting Industry

The aesthetic expression in Denggong's glass works embodies the quintessence of humanistic philosophy. These works convey concern for human emotion and relationship, as well as thinking about human existence and meaning through unique forms, colors and light and shadow effects. In terms of aesthetic expression, the works of Lighting Glass embody the philosophy of humanism in the following aspects: First of all, the works of lighting glass emphasize the dignity and freedom of the individual. Humanistic philosophy holds that everyone has a unique value and dignity, which should be respected and valued. In the lighting glass works, the artist creates a unique form and structure through superb glass craftsmanship and creative design, so that each work becomes an independent individual, showing the unique charm and value of the individual. Secondly, the works of lighting glass emphasize the importance of human emotion and relationship. Humanistic philosophy pays attention to the emotional connection and relationship construction between people, and holds that human happiness and meaning come from mutual care and support. In the works of lighting glass, the artist creates a warm, comfortable and emotional atmosphere through the use of color, the shaping of shape and the change of light and shadow, so that the viewer can feel the emotional resonance and connection between people while appreciating the works (Shen et al., 2012). Thirdly, the lighting glass works emphasize the respect and attention to the nature and the environment. Humanistic philosophy holds that human beings should live in harmony with nature and protect and respect the natural environment. In the works of lighting glass, artists often use natural elements and patterns, such as flowers and trees, to combine the beauty of nature with human emotions, showing a kind of awe and praise of nature. Finally, the works of lighting glass emphasize the enlightenment of thought and the significance of

human existence. Humanistic philosophy pays close attention to the existence and meaning of human beings, and believes that everyone has his own value and purpose. In the works of lighting glass, the artist conveys the thinking and inspiration to the existence and meaning of human beings through the changes of form, color and light and shadow, which makes the viewer think and resonate while appreciating the works. The aesthetic expression in Denggong's glass works embodies the quintessence of humanistic philosophy. Through unique forms, colors and light and shadow effects, these works convey concern for individual dignity and freedom, emphasize the importance of human emotions and relationships, and show respect and concern for nature and the environment. And enlighten human existence and meaning. These aesthetic expressions make the glass works of lighting workers not only the enjoyment of art, but also the inspiration of thought and the touch of emotion (Bandas, 1992).

5. THE INTERACTION BETWEEN GLASS TECHNOLOGY AND HUMANISTIC SPIRIT

5.1 The Interpretation of Humanism Philosophy by Glass Technology

As a unique art form, glass technology has a close interactive relationship with humanistic spirit. Through the creation and expression of glass technology, artists interpret the connotation and significance of humanistic philosophy, so that it can be conveyed to the audience in the form of visual art. First of all, the glass process presents a kind of transparent, pure and fragile characteristics through its unique material and technology. This characteristic echoes with the pursuit of human rationality and wisdom in humanistic philosophy. The transparency of glass symbolizes the openness and transparency of ideas, while its fragility reminds us to cherish and protect human dignity and freedom. Through the creation of glass technology, artists transform this characteristic into artistic expression, so that the audience can feel the deep connotation of humanistic philosophy. Secondly, the creative process of glass craftsmanship requires artists to have superb skills and patient attitude. This skill and attitude coincides with the pursuit of human reason and wisdom in humanistic philosophy. Through ingenious skills and patient attitude, artists create unique glass works that reflect human creativity and wisdom. This creative process itself is an interpretation of humanistic philosophy, emphasizing human pursuit of truth and beauty. Finally, the glass craft works convey a mysterious and dreamy atmosphere through its unique shape and light and shadow effect.

This atmosphere echoes the attention to human emotion and spiritual world in the philosophy of humanism. By watching glass craft works, people can feel a sense of beauty and thinking beyond daily life, which leads to the thinking of human existence and humanistic value. Through the creation of glass technology, artists transform humanistic philosophy into the form of visual art, making it more intuitive and perceptual to convey to the audience. Finally, the glass craft works convey a mysterious and dreamy atmosphere through its unique shape and light and shadow effect. This atmosphere echoes the attention to human emotion and spiritual world in the philosophy of humanism. By watching glass craft works, people can feel a sense of beauty and thinking beyond daily life, which leads to the thinking of human existence and humanistic value. Through the creation of glass technology, artists transform humanistic philosophy into the form of visual art, making it more intuitive and perceptual to convey to the audience. In a word, there is a close interactive relationship between glass technology and humanistic spirit. Through the creation and expression of glass technology, artists interpret the connotation and significance of humanistic philosophy, so that it can be conveyed to the audience in the form of visual art. The characteristics of glass, the creative process and the aesthetic effect of the works are consistent with humanistic philosophy, so that the audience can more deeply understand and feel the value and significance of humanistic philosophy. By appreciating and understanding glass craft works, we can improve our aesthetic experience and ideological realm.

5.2 The Enlightenment of Humanistic Philosophy to Glass Technology

As an art form, there is a close interactive relationship between glass technology and humanistic philosophy. The enlightenment of philosophy to glass technology is not only reflected in the guidance of artistic creation, but also a kind of thinking and expression of human existence and meaning. First of all, the enlightenment of philosophy to glass technology is reflected in the attention to human dignity and freedom. Humanistic philosophy emphasizes human dignity and freedom and believes that human beings are unique and dignified existence. In the glass process, artists show human uniqueness and individual free will through fine design and production. This concern for human dignity and freedom is the inspiration and guidance of philosophy to glass technology. Secondly, the enlightenment of philosophy to glass technology is also reflected in the attention to human emotion and emotional experience. Humanistic philosophy holds that emotion is the core and important part of human

existence. In the glass craft works, the artist creates a rich variety of visual effects and arouses the emotional resonance of the viewer through the refraction of light and the change of color. This kind of attention to human emotion and emotional experience is the inspiration and expression of philosophical thought to glass technology. In addition, the enlightenment of philosophy to glass technology is also reflected in the harmonious coexistence between human beings and nature and the attention to the relationship between others. Humanistic philosophy emphasizes the harmonious symbiosis between human beings and nature and the harmonious coexistence between human beings. In glass craft works, artists often show the harmonious symbiosis of human and nature by combining natural elements and human images. This kind of attention to the harmonious relationship between man and nature and the relationship between others is the inspiration and embodiment of philosophy to glass technology. There is a close interactive relationship between glass technology and humanistic philosophy. The enlightenment of philosophy to glass technology is reflected in the attention to human dignity and freedom, human emotion and emotional experience, and the harmonious coexistence between human and nature and the relationship between others. This interaction makes glass craft works not only a kind of art form, but also a kind of thinking and expression of human existence and meaning. While appreciating the glass craft works, people can also feel the enlightenment and touch of philosophical thoughts and further think about the existence and significance of human beings.

5.3 Symbiosis and Complementarity of Glass Technology and Humanistic Spirit

There is a symbiotic and complementary relationship between glass technology and humanistic spirit. Through its unique material characteristics and technical techniques, glass technology provides a medium and carrier for the expression of humanistic philosophy, while humanistic philosophy gives glass technology a deeper connotation and significance. First of all, glass technology provides a medium and carrier for the expression of humanistic philosophy. As a transparent, fragile and plastic material, glass can convey the concern for human emotion and relationship, as well as the thinking of human existence and meaning through its unique shape and light and shadow effect. Through the creation and expression of glass technology, the artist integrates the philosophical thought of humanism into the work, which makes the work have a deeper connotation and significance. Secondly, humanistic philosophy endows

glass technology with deeper connotation and meaning. Humanistic philosophy pays attention to human dignity, freedom and value, and emphasizes the importance of human emotion and relationship. In the glass craft, the artist conveys the care and call for human emotion and relationship through artistic elements such as form, color, light and shadow. Humanistic philosophy provides artists with a reflection on the existence and meaning of human beings, which makes the works richer and deeper. Finally, glass technology and humanistic philosophy complement and promote each other. Through its unique material characteristics and technical techniques, glass technology can visualize and visualize the philosophical thought of humanism in the works, and make the viewer feel the value and significance of humanism more intuitively. The philosophy of humanism provides aesthetic theoretical basis and guidance for glass technology, which makes the works have more profound and rich connotations. There is a symbiotic and complementary relationship between glass technology and humanistic spirit. Through its unique material characteristics and technical techniques, glass technology provides a medium and carrier for the expression of humanistic philosophy, while humanistic philosophy gives glass technology a deeper connotation and significance. This symbiotic and complementary relationship makes glass craft works not only aesthetic enjoyment, but also a kind of ideological inspiration and emotional touch.

6. THE SIGNIFICANCE AND PROSPECT OF GLASS TECHNOLOGY AND HUMANISTIC SPIRIT

6.1 The Significance of Glass Technology and Humanistic Spirit

The combination of glass technology and humanistic spirit reflects a unique aesthetic expression in the works of lighting glass, and this combination is of great significance and far-reaching influence. First of all, the combination of glass technology and humanistic spirit makes the lighting glass works have a more profound and rich connotation. Humanistic philosophy emphasizes human dignity, freedom and rationality. Glass technology transforms these ideas into artistic expression through its transparent, pure and fragile characteristics. Through the changes of light and shadow and the diversity of forms, the works of lighting glass convey a sense of beauty and thinking beyond daily life, causing the audience to think about human existence and humanistic value. This aesthetic expression not only satisfies the audience's pursuit of beauty,

but also leads to in-depth thinking and understanding of humanistic philosophy. Secondly, the combination of glass technology and humanistic spirit provides people with a new aesthetic experience and ideological realm. Through its unique materials and skills, the works of lighting glass create a mysterious and dreamy atmosphere, which enables the audience to transcend the shackles of reality and enter a realm of art. This aesthetic experience not only satisfies people's pursuit of beauty, but also arouses attention to human emotion and spiritual world. Watching the glass works of lanterns, people can feel a sense of beauty and thinking beyond daily life, and improve their own aesthetic experience and ideological realm. Finally, the combination of glass technology and humanistic spirit provides a new driving force for the development of artistic creation and cultural industry. Glass technology as an ancient and unique process, through the combination with humanistic philosophy, coruscate new vitality and charm. This combination not only attracts more young people to participate in the creation of glass technology, but also promotes the inheritance and development of traditional technology. Through innovation and integration, glass technology can continue to play an important role in the field of contemporary art and contribute to the development of the cultural industry. The combination of glass technology and humanistic spirit reflects a unique aesthetic expression in the works of lighting glass, which is of great significance and far-reaching influence. Through the creation and expression of glass technology, people can understand and feel the value and significance of humanistic philosophy more deeply. This combination not only satisfies the audience's pursuit of beauty, but also leads to the thinking of human existence and humanistic value. Looking forward to the future, the combination of glass technology and humanistic spirit will continue to provide new impetus and possibility for the development of artistic creation and cultural industry.

6.2 The Prospect of Glass Technology and Humanistic Spirit

As an art form, glass technology is not only an application of technology, but also a medium to express humanistic philosophy. The glass works of lighting workers created through glass technology not only pursue the appearance of beauty, but also pay more attention to the connotation of humanistic spirit. This kind of glass art work, which combines the philosophy of humanism, has far-reaching significance and broad prospects. First of all, the combination of glass technology and humanistic spirit can arouse people's thinking about human existence and value. Humanistic philosophy emphasizes human dignity, freedom and value,

while glass technology, as an art form, expresses concern and respect for human beings through unique materials and technical techniques. The elements such as characters, moral and symbols in the works of lighting glass can arouse the viewer's thinking about the existence of human beings and stimulate the deep resonance and emotion in the heart. Secondly, the combination of glass technology and humanistic spirit can convey positive values and social care. Humanistic philosophy pursues the all-round development and happiness of human beings, while glass technology, as an art form, can convey positive values and social care through the theme, form and expression of the works. For example, the glass works of lighting workers often show themes such as the protection of the natural environment, the pursuit of social justice, and the exploration of human emotions and relationships, to guide the viewer to think and actively respond to real problems. Finally, the combination of glass technology and humanistic spirit has broad prospects and development space. With the progress of society and the growing demand for art, glass technology, as a unique art form, can meet people's pursuit of beauty and the expression of ideas. At the same time, humanistic philosophy, as a universally applicable value, can be combined with different cultural backgrounds and social environments to create more rich and diverse glass works of art. Therefore, the combination of glass technology and humanistic spirit has a broad prospect, which can bring new development direction and creative ideas for the art world. In a word, the combination of glass technology and humanistic spirit is not only an innovation of art form, but also a thinking and expression of human existence and value. Through the humanistic philosophy integrated into the glass works of lanterns, it can arouse people's care and respect for human beings and convey positive values and social care. At the same time, this combination also brings broad prospects and creative space for the development of glass technology. Through continuous exploration and innovation, the combination of glass technology and humanistic spirit will bring more surprises and inspiration to the art world.

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