New Light & Space reflects up to twice as much light around a room compared to ordinary emulsions - and uses less energy doing it.

...and use less energy doing it.

The easy way to open up any room...

Have you seen the light yet?
Living Wealth

We all do it, is just the degree that varies.

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Balancing people, product, planet & profit
rather than just predicting energy consumption

the benefit is accrued from guiding the building design process to produce energy efficient designs.

Where energy modeling can be used to demonstrate compliance with strict lists of regulations is

where can be demonstrated through actual energy modeling.

a much simpler application of energy modeling is its use to predict the energy consumption of

ENERGY MODELING AS A VERIFICATION TOOL

and in-depth energy analysis is usually required for each building.

be used to identify the most cost-effective interventions. Also buildings are often under constructed

be quantified with certain assumptions and can be used to judge the overall design process.

whether constructed properly or project can end up under the intended design.

energy modeling can be effectively used as a decision tool and decision-making within the project

the construction industry has turned to energy modeling of buildings in order to assist them in

INTRODUCTION
The purpose of the certification is to verify individual ability to evaluate, choose and implement professional software packages.

The significance of the certification will also be reflected in the professional recognition by the ASHRAE licensing body, which will be updated on an annual basis. The certification is renewable and will expire after 2 years. Any individual who attempts to pass the exam may do so at any time, but the passing score is set at 70% for both the written and practical components.

The reason for choosing a software tool over another is based on the specific needs of the project. The selection of the appropriate software tool is crucial due to the different functions and features offered by various tools. It is important to conduct a thorough evaluation of the software before making a decision.

QUALIFICATIONS

In order to pass the exam and become certified, an individual must have a minimum of 5 years of experience in the field combined with either a master's degree or significant experience in software modeling. The individual must also demonstrate knowledge of the software tools and their applications. The certification is for those individuals who have completed the required coursework and have passed the exam.

TRAINING

Training courses are offered by various organizations and are designed to prepare individuals for the certification exam. These courses cover the fundamentals of software modeling and provide detailed information on the software tools and their applications.

COMPLEX OR SIMPLE

Not all software is created equal, and some tools are more complex than others. The complexity of the software can affect the time and effort required to use it. Some tools may require a higher level of expertise to use effectively, while others are more user-friendly and require less technical knowledge.

AVAILABILITY OF ENERGY MODELING TOOLS

There is a wide range of software tools available for energy modeling. Some are free and open-source, while others require a subscription or purchase. It is important to research and compare the different tools to determine the best option for your specific needs.

The choice of software can significantly impact the accuracy and efficiency of the energy modeling process. It is recommended to carefully evaluate the features and capabilities of each tool before making a decision.