

# Lighting for Worship



**LIGHTING IS MORE THAN JUST BEING ABLE TO SEE - good lighting can create focus, depth, mood, dimension, ambience and drama, all of which can help support and enhance your messages. As the ways in which worship is experienced grow so do the demands and expectations of your pastor, your congregation, your musical director and your choirs, your bands and orchestras, your dance and dramatic artists, and then there's the television and video technicians - where do you begin with pleasing all of the people all of the time?**

Selecon has been in the lighting business for thirty years, we pride ourselves on our history of developing and manufacturing quality luminaires, responding to the demands of our industry and communities making cost-effective, safe and easy to use tools for creative and effective lighting solutions.

Over the years it has been our privilege to be involved with the lighting requirements for many Houses of Worship worldwide, from the smallest to the largest installation the common goal remains the same - communicating your messages in the best possible light!

Lighting is our business, it's what we do and it's all that we do.

*"Selecon is committed to offering a comprehensive product line to support worship centres of all sizes and providing ongoing support to them as their ministries evolve."* Jeremy Collins, President of Selecon.

## **FOCUS**

The basics are effective lighting for your pulpit and anywhere else that you want the eyes of those gathered to be focused. The pastor can be professionally lit to avoid distractions such as unwanted shadows or discolored fleshtones when he or she is speaking. They may stand still at the lectern or pulpit or they may move around a little, or a lot. Angle of light helps the pastor to be seen with shape and definition; visually separating them from their immediate surroundings and creating a 3-dimensional figure rather than a 'flat' one.

Equally important is the lighting for your congregation so that Bibles and hymn books can be easily read, all ideally within a lit environment that is conducive to your worship services.

Right: Pastor from McLean Bible Church, VA, USA.



*"It's really important that our executives feel comfortable and be able to communicate what they want to communicate in our events. I take a lot of care to make sure that with the lighting of the podium, not only do they look great but they feel comfortable. We always look where we're going to place podium lights; one of the things we did on our New Year's show was use the Selecon Pacifics because they're a little bit bigger than a Source Four and a little bit cooler, and surprisingly it makes it more comfortable for the people at the podium. Once I get that then I can decide about the light level for the rest of the stage and the audience, and we build our looks from there."*

Chris Maifeld, lighting designer for Golden Era Productions (live events, video and production for the Church of Scientology): extracted from an article entitled The Church of Scientology: Events Around the World , April 2003 issue of Entertainment Design magazine.

## PERFORMANCE

More churches are realizing that using the creative arts as an expression of worship is a powerful tool to reach out to their congregation. Dance, song and dramatic presentations take worship to a new level and can convey the fundamental meaning of your message and involve members of the church community in new ways. Any special moment during the course of your worship can be enhanced through the application of light, color, and imagery. Create a pool of light around a musician or performer, a celebration candle or a banner, painting or artefact....the possibilities are endless.

*"We must be ready to light everything! The Church today is vibrant. Not only is the preaching of the word the number one priority but also the way that it is delivered. Music, drama, dance, audiovisual and theatrics are used to get the message across. Churches are becoming better equipped than some secular venues to be able to support the worship and word of God. The main reasoning for our Selecon purchase was the flexibility the entire range gives us. We have a large stock of Pacifics that have worked since day one in the hands of lighting crews, students and volunteers. The choices in the lenses and clean crisp optics make them suited for the small theatrical piece to the large scale worship recordings."*

Ian Anderson, Lighting Consultant for the Hillsong Convention Centre, Sydney, Australia; 3,500 seat auditorium.



## VIDEO AND TELEVISION PRODUCTION

DELIVERING PRODUCTION EXCELLENCE has become an integral part of the worship experience as more and more churches move to video and television production where even lighting across the space, crisp and clean backlighting become a necessity.

*"Everything we do for Christ must be done with excellence"*, David Schatzman, Technical Director & Systems Designer, McLean Bible Church, Virginia, USA.



*"During the design of the facility it became evident that there were a multitude of diverse lighting requirements that were each unique in nature yet the need for consistency between areas over the entire stage was still a very critical success factor. There was a need for tight area control to light intimate settings during one scene and then seconds later a need for full stage light during a music number; all while providing lighting for the unforgiving digital camera system which is used to place camera shots on eight projections screens ranging in size from 6 to 11 meters wide."*

*The design of the lighting system and the selection of Selecon Pacific fixtures is a key factor in delivering production excellence to our congregation. The flexibility to light tight areas from well over 50 meters away or as close as 3 meters was unchallenged by any other fixture on the market. The smooth and even light output of the fixtures was very pleasing to the cameras when following actors through areas and during close-up IMAG. The smooth and cool to the touch operator controls makes focusing quick and easy for designers."*

McLean's Executive Producer, Don Hollenbeck, says "the impact of the fixtures during drama monologues is amazing and has helped take our drama department to a new level."

*"The smooth and even light output of the Selecon Pacific fixtures provides excellent lighting for our digital camera system and our twelve screen cinema projection system. Selecon make our stage look fantastic on our 30 foot screens with seamless transitions between areas when following actors during close up IMAG shots".*



### **CUSTOM-MADE, ORIGINAL SOLUTIONS IN SECONDS**

One of the many unique features of Selecon's Pacific luminaires is the heat management system which allows the projection of images that you can create yourself using plastic transparency film, a computer and your imagination. Charles Green, Studio Manager for Boston Catholic Television is an example of one of the many people taking advantage of this capability, here he explains how it makes his job a little easier!

*"At Catholic TV, our director, Monsignor McInerny does a daily segment called Reflections. These are short, 1-2 minute talks on Bible readings, Saints, and other religious themes. They air between programs throughout the broadcast day. We shoot a month's worth of these at a time, so we either needed 30 sets that could be changed instantaneously, or (back here in the real world) we could try something else. Pacific images have been a great solution for our Reflections segment."*



Click [here](#) for further details on how to create your own plastic image projections.



Above photograph from Boston Catholic Television courtesy of Charles Green.





The Cathedral Church of Saint Peter and Saint Paul, the Washington National Cathedral is an iconic testament to the history of the United States of America welcoming more than 700,000 visitors and worshippers annually.

A recent upgrade of the High Altar lighting included the installation of Selecon Pacific ellipsoidal spotlights equipped with CDM light sources and integrated dimming accessory that allows for precise control of the light levels. The High Altar is illuminated 24-7, the Selecon fixtures were chosen to resolve existing problems of short lamp life and poor quality of lighting for television and video. CDM Master Color arc-amps were the preferred light source due to their high color rendering, ideal for video and television production and long lamp life (approx. 10,000 hours).

This installation demonstrates the low cost of ownership delivered by Selecon fixtures through reductions in energy consumption, lamp replacement cost, technician's time and eliminating the rental of supplemental lighting which was formerly required when the Cathedral hosted one of its many televised events.

**SAFETY** – it is as important to us as it is to you..... when it comes to your lighting staff and technicians – whether they're professionals or part-time volunteers. All Selecon fixtures are fully compliant with international safety requirements, without compromise. All fixtures are CE listed and further to that, for the North American market ETL and cETL listed.

Selecon's innovative design not only results in fixtures that are easy-to-use, simple to adjust and maintain but which are SAFE for you and your people to use:

- Automatic disconnection of the mains power when the fixture is opened means there are no accessible live parts when changing lamps
- large, heat insulated handles and focus knobs to adjust the fixture, reducing the opportunity for 'burnt' fingers
- heat insulated rear grab handle that doubles as a cable coil
- separate body anchor points for safety bonds
- the Pacific range includes additional anchor points to secure other accessories such as animation discs
- optional lens safety meshes are available
- tool free operation – simpler, faster and safer to change lamps with no tools to drop from the top of a ladder

Selecon's uncompromising position on product safety is one of the reasons for the preference and popularity of the fixtures worldwide.

### **3-YEAR WARRANTY**

All Selecon entertainment fixtures are covered by our **industry-leading 3-year warranty** – yes, that is three times the standard warranty of other fixture manufacturers.

Why?

We have confidence and pride in our products to provide superior lighting tools for you to work safely with. Selecon is dedicated to the development, manufacture and delivery of fixtures of the highest quality – reliable tools for your work.