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20-May-2015

Elation Broadcast Lighting for Sacramento Central Seventh-Day Adventist Church

An important part of Sacramento Central Seventh-Day Adventist Church's rich history is its more contemporary tradition of spreading its message to the community via broadcast. Having begun their broadcast tradition in 1977 with radio and expanding in the 1980's to include television, today Sacramento Central Seventh-Day Adventist broadcasts its message via radio, television, cable, satellite, and the Internet.

Sacramento Central Seventh-Day Adventist Church has an in-house congregation of 1,400 but thanks to its broadcast reach has a total following that is far greater. The church recently had a need to update its lighting system and contacted Illuminate Production Services (www.lightingips.com) about a new white light system that would highlight their main worship space while providing the necessary quality of light for broadcast.



"The main objective of the new lighting design and install was to adequately provide professional video lighting while maintaining a warm and welcoming color temperature," stated Rick Franke of Illuminate Production Services, who describes the church as a serious video venue. "The church required a more



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traditional approach to lighting their worship space so we turned to Elation for some fantastic TV lighting with variable color temperature capability."

The lighting installation consists of an energy-efficient Elation package of DW Fresnel and DW Profile dynamic white light LED fixtures along with warm white TVL F1WW LED Fresnels while Elation's popular Cuepix Blinder WW2 warm white LED blinder is used for house lighting. Installed in spring 2015 in the main worship center and used during main Saturday services, system design and installation was by Illuminate Production Service with Rick Franke handling lighting design.

Used to illuminate the altar, altar features and speakers in warm or cool tones, the Elation white light LED luminaires feature a bright and clean light quality and show no flicker on camera. Powered by a 250W white LED engine, both the DW Fresnel and DW Profile give a soft light that is easily adjustable from warm to cool white so that color temperature can be modified if needed. Both fixtures offer zoom and beam shaping for highly effective directional white light control.

The zoom-capable TVL F1WW white light luminaire projects a uniform field of evenly balanced white light with a high CRI of 95. The fixture's dynamic white LED engine allows for variation in color temperature and advanced thermo-optical cooling technology keeps it from overheating without making a sound.

"Power savings has been significant," Rick Franke says of the new lighting system, which allowed the church to eliminate 30 1K PAR cans. "In fact, they reduced their power consumption to 1/6th of what they previously required." Less frequent maintenance, no bulbs to replace and less heat output are other benefits of the new LED system. "They've reduced the thermal impact on the facility due to the cooler running LED lights, which keeps the overall temperature of the church lower," says Rick. "An air conditioning system that runs less translates into cost savings."

Sacramento Central Seventh-Day Adventist Church's media ministry continues to improve and their relationship with Illuminate Production Services and the new Elation lighting system is the latest step in that development. Rick thanks Pastor Chris Buttery, who was "awesome to work with" and Dale Kasperson, "a seriously talented Video Director/Producer and strong believer in Elation."

Equipment list:

- 14 x DW Fresnel
- 2 x DW Profile
- 6 x TVL F1WW
- 8 x Cuepix Blinder WW2
- 1 x ELED TW Strip
- 1 x Scene Setter 48
- 1 x Art-1024
- 1 x DMX Merger
- 2 x Acclaim DynaGraze 4000K



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About Elation Professional

Elation Professional is one of the world's leading lighting and visual solutions providers and is the global brand of Elation Lighting. Founded in 1992 and headquartered in Los Angeles, with European sales, distribution and support based in The Netherlands, Elation designs and manufactures a comprehensive range of innovative yet affordable lighting and video products that are distributed through a global network of dealers and distributors. Made up of a spirited team of dedicated personnel, Elation is setting new efficiency and performance standards in Platinum lamp and LED technology and is acknowledged for a comprehensive commitment to Total Support. As a company in expansion with a presence in a growing variety of market segments, chances are you've experienced Elation lighting at a concert, special event, TV, theater, late night venue, House of Worship, theme park, cruise ship, exhibition, architectural space or elsewhere. For more information, please visit www.elationlighting.com

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