

## New MulTMed Modular Shines Light on Patients



### *ALS Provides Cure for Patient Room Lighting at New Adventist Bolingbrook Hospital in Chicago*

As the design and specifications for healthcare environments evolve, it is a challenge to incorporate the latest aesthetics, engineering, technology and products into the construction of a new facility. This especially is true when the lead time from the schematic stage of design to specification to construction can be years away from completion.

Including newly emerging products into a specification is difficult and can become nearly impossible once specifications have been drafted. However, for the new Adventist Bolingbrook Hospital in Bolingbrook, Ill., the design and construction team decided to include the new MulTMed Modular multifunction patient bed light system from Architectural Lighting Systems once they found that the product was demonstrably better than the old specification.

Adventist Health System turned to the construction team of Walsh Construction and Block Electric. The two firms previously collaborated on the completion of another Adventist project in LaGrange, Ill. The LaGrange project used an older technology,

2-by-4 foot, all-in-one multifunction patient fixture, which easily was carried over into the Bolingbrook specification. However, newer innovations and features were found to be available in the ALS MulTMed Modular fixtures including nonglare indirect reading and ambient functions, night light projection on both sides of the bed, and a shadowless visual field from the exam light function.

The engineers at Block Electric also found that the ALS fixture was designed with an even more important feature. They recognized that the MulTMed has a toolless instant entry into the wiring and ballast compartment. By simply releasing two latches, electricians and maintenance staff have easy, immediate access to all of the electrical internals of the fixture. This feature would save significant time in installation and also for future maintenance by the hospital staff.

By comparison, the old fixture required removing the louvers, lamps, and internal reflectors so it could be installed or serviced. Block Electric then recommended the ALS fixture as an obvious improvement to the specification, and a mock-up was installed at the completed LaGrange facility.

In the first week of February 2007 Block Electric, Walsh Construction, Archibald & Meek, the lighting representative, and the hospital staff including the director of facilities,

nursing department, and maintenance staff gathered to look at the ALS MulTMed Modular fixtures and compare them to the existing units. In light of their experience with the old fixture, their observations and decision took all of 15 minutes. The ALS MulTMed Modular was their collective clear choice.

ALS has continued to develop the MulTMed line with the principles and standards it learned in association with the American Society of Healthcare Engineering, which taught that flexibility and modularity in the clinical environment are what the next generation of patient rooms require. ALS came to the conclusion that the utilization of the lighting fixtures was dependent on the particular situation, as no two healthcare environments are alike. As a result, ALS introduced 23 new integrated plug-together lighting modules comprising its new MulTMed Modular system.

The new infinitely flexible modular line includes the standard reading, exam, ambient and nurse light functions that patient rooms require, and now also includes labor and delivery room modules, illuminated photographic sky panels, multiple sizes and combinations of functions.

For additional information on MulTMed Modular, contact Architectural Lighting Systems at (508) 823-8277 or visit [archlightinggroup.com](http://archlightinggroup.com).