

Abundance of creative lighting - Caneland Central

Caneland Central is a state of the art \$230 million shopping center, which opened in Mackay, Queensland late last year. Lend Lease, the world wide construction company, developed the center and the very important lighting design was conceptualised by their Senior Design Engineer (lighting) guru, Mike Sparrow.



At the outset, Mike immediately contacted Peter Spirko at 3S Lighting whom he had partnered with on many projects, and invited 3S Lighting to join him on the creative journey to ensure inspired lighting history for the Caneland's project. Mike's focus was to use custom-built fittings on which he could rely not only for design integrity but also for quality outcomes. Previous experience with 3S Lighting provided Mike with the confidence for this partnership and so it became the heartbeat of their lighting design journey. Canelands was set up as a significant lighting project, which would

eventually and abundantly fill, and exceed, all expectations.

Peter Spirko was also delighted that 3S Lighting would partner with Mike Sparrow. Having successfully collaborated in the past, he also knew that 3S Lighting could deliver the quality outcome required, because of their design team and facility, which uses the latest state of the art - CAD systems coupled to computer, controlled prototyping and production machinery. He could offer Mike R&D test facilities as well as being able to offer fast turn around production time because of their capability to quickly source and adapt

components. And as the integral core of their mission - 3S Lighting thrive on offering lighting solutions.

Beginning the Creative Journey:

Having created the concept, Mike prepared the sketches and drawings and then met with Peter Spirko to discuss the types of materials, diameters and access to cables within the complex. The partnership team at this stage were intensively involved in all the fine details, required for the quality outcome. With their continuing close collaboration they marched on the lighting design journey together, interacting with the architects, to deliver what was to become an outstanding showcase of spectacular lighting design. As the project developed there were several prototypes manufactured and designed for the final product. Peter Spirko housed the plans within 3S and as a team they added embellishments to some elements so that the physical site could perfectly accommodate the design of the fittings i.e. relate to the actual site structure. But this is the usual activity in working and collaborating on a big design project like Canelands.

Energy Efficiency:

Mike Sparrow was delighted with the energy efficiency factor. The louvers underneath the skylights in the ceilings optimized the daylighting factor and

this was complemented by the very best LED technology. He pointed out that the present Australian Standard for LEDS is minimalist so he used the guidelines set up by Lend Lease which have evolved from evidence based on past projects and those used in other countries.

The Wow Factor:

Mike relates the intensive planning and co-operation with Peter Spirko and 3S led by Mike, delivered the successful outcome. Mike reinforced his design

fittings for the whole project. He was completely delighted with the outcome. The Food Court within Canelands, according to Mike, "is a stand-out". Mike's design concept for the Food Court involved 3S Lighting, designing and creating of 44 special LED pendant luminaires. When they were strategically positioned it provided the Wow factor for the entire Food Court. A great ambience for the diners has been created and, as Mike of the art lighting design. It amply illustrates that great lighting design is the vital force

says, "lighting has a critical influence on the way we feel and the way we perceive things." Clearly it takes a specialized person with vision, flare and technical know-how to fully understand a client's needs and then translate that need into a great design.

The Lighting Team - pooled creativity

For the Caneland's project, the combined expertise of the whole team, and has won many lighting awards by illustrating his expertise in this most powerful of mediums. This expertise was



concept by choosing to partner with 3S Lighting because he knew he could rely on quality outcomes. 3S Lighting has forged a profile in the lighting industry by owning the expertise to quickly understand the lighting designer's concept: then being able to translate that concept into further custom made design and creative lighting solutions. This entire collaborative journey provides the main client; in this instance Lend Lease, with a shopping centre that proudly demonstrates state Lighting to develop the majority of the light

that produces a spectacular lighting outcome. And it is great lighting design which enables people to experience the dynamic, positive emotion of mood elevation: And in having heightened mood levels in a retail complex at this point in time i.e. a tough retailing environment, the great lighting design gives a priceless "value add" component for the shopping experience at Canelands.

combined with that of Peter Spirko's expertise within 3S Lighting, achieving the extremely successful outcome.

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Caneland Central Shopping Centre - Mackay

Lighting Design: Lend Lease Sydney, Mike Sparrow

Manufactured: 3S Lighting

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