PROJECTS COMPLETED
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Southern Gateway
The Pivot at Montecasino
Fairways Hotel & Spa

THEME LIGHTING SOLUTIONS

NEW PRODUCTS
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Iris
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DESIGN PROCESS
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Rhoda Brackets
Haute Lumière Light Award 2010

http://www.regentlight.co.za
DONKIN RESERVE UPGRADE

The Donkin Reserve situated in Port Elizabeth, not too far from the Indian Ocean in the midst of a historical and commercial hub interspersed by inner city suburbia, is essentially a small open public space which was proclaimed by the founder of the city, Sir Rufane Donkin. The area measures roughly the size of two small city blocks and it features park benches, walking paths, the Opera House, a lighthouse and various memorials.

Perhaps the most outstanding feature of the Donkin Reserve is the touching memorial to Sir Donkin’s wife, Elizabeth. This pyramid shaped structure bears a plaque with the inscription: “To the memory of one of the most perfect of human beings who has given her name to the Town below.” The structure is a testament to the loving relationship that Donkin had with this wife.

The Port Elizabeth Lighthouse built in 1861 is also located in the reserve which houses a small museum with memorabilia from the Donkin estate, and also provides a spectacular view of the city. Today it is presently used as a Tourist Bureau.

Regent Lighting supplied Unique Lighting with purpose made Tower 70W Metal Halide lighting structures of various lengths between 3.4m - 4.6m with special decorative round cut-outs, together with Discovery Indirect post top 70W Metal Halide luminaires on Modern stepped poles.
SOUTHERN GATEWAY

As part of the various upgrades to public spaces in and around Johannesburg for the 2010 World Cup, the Southern Gateway public space is the entrance portal to the Ellis Park Sports Precinct.

Ikemeleng Architects was appointed by the JDA to implement the design of this prominent corner location which included organic pedestrian movement routes, landscaping, specialised lighting, an art sculpture and parking facilities. The specialised lighting/lanterns lined the movement flows through this space whilst still speaking to the design language of the precinct. The sporting activities housed within the precinct were captured by engraving sporting figurines into the side walls of the concrete light lanterns.

The general lighting for the area was achieved by using Regent Sun luminaires mounted on 6m poles. The specialized concrete light lanterns were designed by Ikemeleng Architects and Regent were approached by Selanya Consulting Engineers to ensure that the correct illumination of the steel cage was achieved. We designed and manufactured a special shield that mounts to the top of the cage and used our Sputnik 70W metal halide luminaire with an 8 degree beam spread to achieve this. With the Sputnik’s high quality reflector system we are able to achieve a controlled 8 degree beam spread enabling the light to effectively and efficiently hit the targeted shield and illuminate indirectly back down to highlight the cage. 

Regent Sun Luminaires

Specialized concrete light lanterns
THE PIVOT AT MONTECASINO

Montecasino, Johannesburg’s top entertainment precinct, introduces The Pivot, a joint venture development between Tsogo Sun, Abland and ABSA. Conceived as a walled Tuscan Village, the architectural theme marries an old world tradition and sense of history with a modern feel incorporating contemporary design elements. The Pivot is being developed in response to the demand for a third hotel in the Montecasino vicinity and the success of the Palazzo Tower Offices.

Regent was asked to make themed carriage lanterns to match and complement the lanterns already supplied by Regent on the previous phase of the development. The Grand Classic post tops and poles were developed from sketches made by Landmark Studios while in Italy. The special carriage lights at the entrance of the hotel and at the pool terrace were developed from drawings made by the project architects, Nsika.

There was also extensive use of accent lighting we achieved by using the Shuttle spot and flood lights. The lamps used are 20W or 35W metal halide.

The centre piazza is dominated by the Pivot sculpture from which LED light strips radiated. Our understanding is that this is the only installation of wide (300mm) light strips in external paving in South Africa. Initially it was felt the work could not be done because of the difficulties in water proofing. Regent, in conjunction with Keith Russell of Rawlins Wales and Partners developed a system where the water would drain down through the tiles and out through the no fines drains below. The LED strips themselves are IP67 and the glass tiles were specially developed from two laminated sheets of 10mm toughened glass with a textile film between. This was to make the tiles more opaque—sandblasted glass without a film between is too translucent.
“Old World with a Modern Feel”

Grand Classic Bollard

Shuttle wall mount

Special carriage light

Special carriage light

Grand Classic Pendant

Southern Sun Hotel
Regent Lighting Solutions were proud to be a part of The Fairway Hotel and Spa project. The hotel is a member of the Guvon group of hotels, situated on the Rand Park Golf Course and were host to the Brazilian World Cup soccer team.

Regent worked closely with DBM Architects and VBI Engineers to enhance and illuminate this award winning African contemporary styled hotel.

Fittings supplied on this project include:
- Link post top, 55W fluorescent luminaires.
- Special up and down shaft wall mounted luminaires 1500m long with 2 x 55W lamps. These were adapted from our standard shaft wall mounted luminaire. The interior passages are lined with our Brite 1W LED in-ground, and were specially adapted for the application. The columns in the entrance are illuminated with our 3W LED Brite in-ground which was also modified by enlarging the fitting to accommodate the application.
- Other luminaires supplied include:
  - Shuttle wall mounted, PL26W luminaires.
  - Shuttle wall mounted up and down, 2 x 20W and 2 x 35W metal halide luminaires.
  - Shuttle trunion mounted, 1 x 35W metal halide luminaires.
  - Cubica trunion mounted, 1 x 20W metal halide luminaires.
  - Pathway 3 6W LED luminaires.
- The interior of the chapel is illuminated with our Gala pendants with special mounting brackets to accommodate the sloping ceiling and Tsogo II wall brackets.
THE ZONE II ROSEBANK

The Zone @ Rosebank, the fastest growing commercial precinct in Johannesburg. Extending the platform of cultural fusion and retail flavour, The Zone Phase II designed by Bild Architects combines a four-star Holiday Inn hotel with 160 rooms, loft offices and a four-level basement parking garage. It also offers two levels of retail and entertainment that includes a cinema with ten movie complexes, a bowling alley and games arcade. This dynamic property integrates with The Zone Phase I on the south and Firs Shopping Centre on the north, and has direct pedestrian entrances to the Rosebank Gautrain station and Bus Rapid Transport (BRT) system.

(Extract from http://www.thezoneatrosebank.co.za).

The Consulting electrical engineers CKR approached Regent Lighting with rendered drawings showing special facade and walkway post lights. We were asked to present drawings that looked similar to these images, once these were accepted mock ups were presented and approved.

Regent Lighting supplied:
- Torchiere special wall light complete with 2 x 35W Metal Halide Shutties and 35W metal halide down light.
- Walkway decorative light complete with 150W Metal Halide
- Beam up and down light 2 x 70W metal halide 1 x 8 degree and 1 x 28 degree beam.
- Special Wave reflector complete with wall mounted Astra 70W metal halide

We proceeded with the manufacture process and supplied the Electrical contractor ICR for installation. By all accounts this project has been very successful.
SANDTON SUN

Sandton Sun has undergone a massive refurbishment of the hotel, including the food and beverage sixth floor that leads off from Sandton City shopping centre. The focus was on creating a space where people can meet, eat, relax and hang out, whether hotel guests, business people or shoppers. The development is set to position this well-known five-star hotel at the forefront of food and beverage offerings.

The sixth floor design is contemporary, with hundreds of locally taken photographs printed on aluminium to highlight the home-grown atmosphere of the entire level. Natural elements including wood, sandstone, water and fire create an earthy feel, whilst mosaic pillars stand tall, upholding the local flavour of the space.

Regent were requested by Pamboukian Associates to supply specially designed light fittings. Linear LED lights were supplied to wash up onto an aluminium mural. The total length required was 100 meters. Single LED’s with spread lens were placed 100mm apart in specially designed channels. Due to the final ridged pattern on the mural’s a linear “flash back” showing the individual LED’s became apparent once the installation was complete. Although this gave a very interesting effect the client required a more diffused light effect. Additional special filter acrylic diffusers were added to further diffuse the light.

The Iris urban light element were also specially developed for the project. These had a 50W 12V dichroic lamp installed in the top of each fitting and the fittings were designed to be mounted in the planters and water features.

Regent also supplied Saturn post top fittings and Iris fittings on the pool deck. The Iris fittings had small “tables” attached to them so that guests can stand next to the Iris and place their drinks on the tables.

By all accounts these products have worked well and the initial design requirements have been met.
ILLOVO EDGE

Ilovo Edge was designed by Bentel Associates International (BAI) and the development is demonstrating that the highest standards of architecture, design and construction are a pre-requisite for an iconic, sought-after commercial property. Strategically situated in the upmarket and cosmopolitan suburb of Ilovo in Johannesburg, the contemporary development was constructed within the exclusive Ilovo Boulevard Precinct. The pedestrian-friendly precinct is one of the upmarket commercial areas in Gauteng and enjoys a convenient location situated within walking distance of the Gautrain Rosebank Station and the new Rapid Bus Transit route (BRT). The development at the corner of Harries and Fricker Roads is rapidly becoming the ultimate commercial address for both national and international leading companies.

http://architectafrica.com/illovo-edge-fricker-road

BAI celebrates its 50th year of design excellence in 2010. As part of this celebration and to accommodate the growing space requirements of its Johannesburg offices, the company has relocated to Ilovo Edge where it occupies one of the two buildings completed in Phase I, developed by Mont Blanc Properties. KKA were the consulting electrical engineers.

EXTERNALLY:
Regent were requested to develop special stainless steel “Wave” fittings on a galvanised steel pole. The galvanised steel pole was clad in a composite fibre cladding supplied by others.

INTERNALLY:
Wide beam cast fittings were mounted on the columns of the ceilings. Cast fittings were chosen due to their extremely wide and uniform beam distribution.

Astra fittings were mounted high up on the external wall. Siri fittings were mounted on special brackets. The Siri’s are 600mm off the wall placed end to end over a 9m length to give a “smooth wash” onto a display wall.

Special stainless steel “wave” fittings on a galvanised steel pole clad in a composite fibre (cladding supplied by others).
POLOKWANE REGENERATION

The City of Polokwane is the capital of the Limpopo Province and situated at a strategic position, the gateway to Sub-Saharan Africa and serves as a service centre to a vast number of surrounding towns and villages.

Regent worked closely with Arup Architects and Urban designers to create a family of products to uplift the inner city of Polokwane.

**LIGHTING** - Special street poles 340mm x 200mm x 9m complete with 150W MH customised rectangular luminaire with a potted safe seal reflector system. All poles were manufactured and designed locally. The poles and luminaires were made of hot dipped galvanised steel and then painted red on the road facing sides to create a unique visual experience when driving along the road.

**SEATING** - Unique street furniture seating was created by bending 3mm mild steel and painting the inside area red.

**DUSTBIN** - Dustbin 650mm x 450mm x 845mm high mild steel 3mm.
GEODESIC DOME - The 10m diameter geodesic dome was designed by Regent Lighting in conjunction with Arup International.

The structure was constructed out of U channels welded and bolted together with triangular connector nodes. No two elements are the same and the design was only finalized after extensive 3D modeling.

The dome was assembled by Regent Lighting on site using a 28 ton crane, a team of 6 artisans and scaffolding. The steel elements of the dome were galvanized and painted with primer and duplex coating (2 coats ~100 microns) paint. The mesh inserts were made of galvanized mild steel laser cut sheets all custom made to fit each location. When the props were removed from the dome, a maximum allowable deflection was 30mm. The structural deflection was within this tolerance.

Galvanized steel benches were also designed, manufactured and installed by Regent Lighting.

The structure was lit by 9W Regent maxi inground LED and Regent Lotus Louvre brick lights. One dome was built at each end of the bridge.
NEW PRODUCTS

GEO

HOUSING: LM 6 die cast aluminium,
DIFFUSER: UV stabilised opal high impact acrylic.
MOUNTING: Wall mounted.
FEATURES: Integrated magnetic or electronic control gear.

LAMP BASE WATTAGE
G24 1x2x13W, 1x2x18W, 26W  CFL

ECHO

HOUSING: LM 6 die cast aluminium and extruded aluminium.
DIFFUSER: Clear 4mm tempered glass.
MOUNTING: Wall mounted. Single or Double.
ACCESSORIES: Mounting plate to cover connector plate. Up or down, up and down option available.

LAMP BASE WATTAGE
GU10 1x2x 35W, 50W  Halopar
GU10 1x2x 7W  Energy Saver
LED 1x 2x 1.2W or 1x 2x 3.6W
IRIS

SPECIFICATIONS
HOUSING: LM6 die cast aluminium and extruded aluminium
DIFFUSER: Toughened glass.
MOUNTING: Plinth mounted.
ACCESSORIES: Access door, MCB and bolt cage.

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<thead>
<tr>
<th>LAMP BASE</th>
<th>WATTAGE</th>
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<td>G8.5</td>
<td>20W, 35W, 70W</td>
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DISCOVERY SPIKE

Discovery spike, a versatile fitting available in Metal Halide or LED version. A product to enhance the Regent extensive range, ideally suited for the hospitality and landscape market.

Ideal to compliment landscaped areas, the spike option was manufactured to allow for ease of installation and also giving flexibility to reposition the luminaire if plant growth inhibits the light output of the fitting.

The light source is concealed and reflected off a shield in order to keep the light on a pathway or specific area. The reflective shield can also be mounted at a 30 degree angle to offer an asymmetrical light distribution.

The Discovery Spike comes with a 10 year Construction guarantee.

G8.5 35W or 20W MH
3.6W LED 350ma
8W LED 700ma
FEATURES

RANGE OF BRACKETS

Range of brackets suitable for the Rhoda and Sun Luminaires

CANARD BRACKET

AERO BRACKET

ARFOIL BRACKET

TRADE ROUTE BRACKET

SINGLE LADDER

DOUBLE LADDER

REGENT LIGHTING SOLUTIONS WEBSITE

Regent Lighting Solutions website contains a large amount of information regarding our products and projects completed. We are continually updating our website and recently we have updated the projects completed section. Numerous projects have been completed over the years and an attempt has been made to capture most of these on our website. These projects have been split up into various groups to aid in browsing all the information. The groups we have created are as follows:

- Commercial Developments
- Leisure and Resorts
- Retail Developments
- Urban Regeneration
- International Projects
- Special wall brackets
- Special pendants.

Last but not least there is a search function available for those who wish to search by project name.

http://www.regentlight.co.za
REGENT LIGHTING CO-SPONSER
HAUTE LUMIÈRE LIGHT AWARD 2010

The Haute Lumière Light Award reflects a need to explore and stimulate discussion on light as a design medium. The competition is held annually and addresses design and architectural students, designers and architects in the study and application of light as a critical and essential design tool.

Initially the judges select five promising designs. Their authors are then invited to take part in a day workshop on light at Paul Pamboukian Lighting Design before constructing a 1:1 scale prototype. The designer of the winning luminaire is awarded a trip to the Professional Lighting Designers Association (www.plda.org) week long Light Workshop in Alingsås, Sweden—"Lights in Alingsås."

This year’s brief was to re-look at the fluorescent tube as a design element and how it could be applied to make a new and exciting statement? The luminaire could be of any description or function that utilised a standard T5 linear or circular fluorescent tube. Compact fluorescents were excluded.

The winning luminaire, Replay by Michael Forst was based on "stacking spaced translucent plastic plates around a fluorescent to create a continuous play of light and at the same time act as both diffuser and structural support. CD’s are great for this owing to how they reflect light and it was also a chance to up-cycle something that is typically discarded." The judges particularly liked the lateral thinking behind the design, which avoided going the route of a slick polished and complex solution.

PAMBOUKIAN ASSOCIATES
professional lighting design consultants
Regent Lighting employs over 200 staff across the factory, foundry and administration areas. Twenty-Five percent of these staff members have been working for the company for ten years and longer.

Internal development is strongly encouraged and both on the job and relevant external training courses are run for all staff. Regent subscribes to and believes in Employment Equity and has a solid base of women working across the company in various departments, and at all levels of seniority.

Health and Safety are key concerns with a dedicated First Aid and Health and Safety Team oversees that everyone is correctly attired and has the correct equipment to ensure a safe working environment. Our HIV programme ensures access to free condoms and annual Voluntary Counseling and Testing. All HIV positive staff are allocated to an HIV clinic for ongoing monitoring and eventual anti-retroviral treatment.

We like to think that we live our values every day at Regent: Trust, Respect, Integrity and Team, and hope that our staff feel empowered, involved and engaged.”

http://www.regentlight.co.za