REGENT LIGHTING SOLUTIONS

PROJECTS COMPLETED
Coca Cola Head Office - Kenya
HBY Rejuvenation Project

NEW PRODUCTS
Columbia
Bali LED
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Galia

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DESIGN PROCESS
HBY From concept to completed product

http://www.regentlight.co.za
Regent Lighting’s products are all made primarily from aluminium, a remarkable metal for a whole host of reasons:

Aluminium is the most abundant metal in the Earth’s crust and, after oxygen and silicon, is the 3rd most abundant element therein. It makes up about 8% of the Earth’s solid surface by weight but does not occur in nature as the free metal. Aluminium is too chemically reactive and is found combined in over 270 different minerals, the chief source being bauxite ore.

Aluminium was once considered a precious metal more valuable than gold. Today its value is in its remarkable corrosion resistance and low density. Aluminium is malleable, durable and lightweight.

Although energy intensive in its conversion, aluminium is seen as an “energy storuer” as the original energy used to convert it does not get lost. In the recycling of the metal the original stored energy is reused and only 5% of the original energy input is required to recycle aluminium without any loss in quality.

Regent uses only recycled aluminium. Runners and flaring cut off during the manufacturing process are all remelted, nothing is wasted. As most of the products that Regent manufactures are lights for outdoor installation, aluminium is the ideal metal to use.

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ENVIRONMENTAL CONSIDERATION : THE USE OF ALUMINIUM
Coca-Cola in Kenya have built a new head office in Nairobi and Gapp Architects, who were the architects involved in the project conceptualised a lighting design for this modern building. They came to Regent Lighting to bring these ideas to fruition.

They felt that linear light sources would enhance the building’s design. A new pendant was designed for the interior atrium. The pendant, called the Galia, is made up of 76mm diameter aluminium tube capping a thin acrylic diffuser and uses a 58W fluorescent lamp. Thirty six of these were used in the entrance hanging at different lengths from the ceiling creating a sense of light suspended in space.

A large Tower light was chosen for the exterior leading up to the entrance. With a 2m base and 5.8m acrylic tube, the total length came to 7m. Ten of these fittings lead in an arc to the entrance of the building. The extra 2 metres in length created challenges as they were difficult to transport to Nairobi and the tubes had to be made with thicker than standard wall thicknesses to allow for higher potential wind loads. Once again Regent Lighting has successfully developed a lighting solution for a corporate head office.
Hillbrow, Berea, Yeoville (HBY) has undergone a facelift that will change the living space of tens of thousands of Southern Africans living in these areas. Street and pedestrian lighting with specifically designed poles have been incorporated into this project, enhancing and rejuvenating the surrounds.

Fittings supplied were:

**CURVED LIGHT POLE WITH LED’s** – 9m mounting height special curved galvanized steel pole complete with SUN 250W HPS and a SUN 100W HPS. A special cover plate with Yellow LED’s or Blue LED’s was designed to clamp onto the poles.

**TREE LIGHT** - Galvanized steel 3.5m in length complete with 2 x SHUTTLE luminaires with blue dichroic filter and red dichroic filter and Bora silica glass mounted in special outreach arms and centre light feature

**VIDA** - Special light post 168mm diameter 2.5m high in hot dipped galvanized finish with decorative cut-outs complete with 1 x 58W lamp
HILLBROW, BEREA AND YEOVILLE

TREE LIGHT

VIDA

CURVED LIGHT POLE
NEW PRODUCTS

COLUMBIA

Regent raises the bar once again for locally manufactured external post top luminaires, introducing the Columbia Post Top. Local specifiers & design professionals have access to a unique light fitting, ideal for areas where glare is an important factor in determining what fitting is required. With its aesthetic design and clean lines the fitting would complement historical buildings, precincts, airports, eco estates, game farms & with full cut off, the fitting has zero light pollution. It has complied with the IDA International Dark Sky Associations stringent requirements.

The fitting can be mounted between 3.5m to 6m with a 76mm spigot entry allowing compatibility with most new and existing installations. With asymmetrical and symmetrical reflector systems the fitting is versatile and can therefore be used in various applications, from car parks, pedestrian walkways and street lighting. The construction of the fitting is LM06 die cast marine grade aluminium, offering maximum corrosion resistance in coastal areas. Regent offers a 10 year construction guarantee on this fitting as we do with all our other external luminaires. Electronic and magnetic control gear can be utilised in the fitting and a wide range of energy saving lamp options are available.

PL26W, 2 x PL26W, 3 x PL26W - PL32W, 2 x PL32W, 3 x PL32W
PL42W, 2 x PL42W, 3 x PL42W - PL57W, 2 x PL57W, 3 x PL57W - PL120W
70W, 100W, 150W Metal Halide
70W, 100W, 150W High Pressure Sodium

The reflector system will be supplied with 98.5 purity aluminium, offering exceptional performance and efficiency.

All fixing screws are stainless steel and all removable threaded areas have heli coils installed to ensure no electrolytic reaction occurs between the insert thread and fastening screws. This is a must for coastal areas where corrosion is more aggressive.

IP65 lamp and gear compartment offers protection for internal components to ensure longevity of these integral parts of the fitting.

Stringent controls are adhered to during the priming and powder coating process of the fitting and all ISO 9001 quality management procedures are followed to ensure the correct priming process is followed for the aluminium as without this critical process the external UV stabilised powder coating will not adhere to the castings for any extended period of time.

The diffuser is composed of tempered frosted glass, therefore no discolouration will occur during the life of the fitting and therefore allow continued efficiency for the life of the fitting.

The Columbia is a (green) eco friendly fitting, offering aesthetic design, efficient

BALI LED

The fitting is made of die cast aluminium and the lens is made of tempered glass 4mm. An IP 68 connector box is supplied for termination. The product is well suited for wall, ceiling and floor installation. A glass reinforced nylon spike is used for garden installations. The fitting has an adjustable knuckle - Swivel Range 160 degrees.

The LED’s used are 3 x 1W - Warm white/blue/green/red or amber. Internal Controller: 350mA 5VA Encapsulated constant current converter. Cree LED’s are used with a 50,000 hour lamp life and 260 lumen output.
NEW PRODUCTS

SIRI

A unique fitting for the South African commercial and project market, the Siri was designed for exterior applications. The linear wall washer which incorporates a T5 technology fluorescent lamp and electronic control gear is energy efficient and the lamp life is guaranteed for over 20 000 hours. The design’s clean lines allow the Siri to be incorporated into most applications, ideal for corporate head offices, shopping centres, conventions centres, and hotels. With 2 light distributions, an up or down, and an up and down application, the fitting is ideal for walkways and passages to accentuate design features in buildings like natural stone, tiling or exposed structural elements.

The various lamp types give flexibility to the specifier to use different length fittings from 600mm, 900mm or 1500mm to accommodate a specific design area. All in all a versatile luminaire that will compliment both interior and exterior lighting applications with Regent's 10 year construction guarantee.

GALIA

The Galia is a versatile interior pendant offered with an electronic control gear for extended lamp life. It can be used for interior and exterior applications with an IP65 protection rating.

The diffuser is made of 65mm diameter satine acrylic and various lengths from 400mm to 1600mm can be specified according to the lamp source required. Colour filter accessories can be installed into the diffuser to create different effects.

The fitting can be suspended in varying lengths with either rods or stainless steel wire to create cluster effects or mounted at any angle to create an interesting display of light.

FEATURES

LUMASCape AGENCY

Regent Lighting has secured the distributorship for Lumascape luminaires. Lumascape Lighting Industries is Australia’s premier manufacturer of exterior, inground and underwater lighting fixtures and accessories. Based in the State of Queensland, the manufacturing facility boasts CNC technology, robotics, in-house powder coating as well as a fully equipped tool room.

Stainless steel, copper, solid brass and cast brass alloys are the materials used by Lumascape to produce the highest quality lighting fixtures for use in commercial or residential projects.

LUMASCAPE

www.lumascape.com
FEATURES

REGENT'S CRICKET DAY BOWLED EVERYONE OVER!

It has been some years since Regent hosted a cricket day. Previously an annual event held at the Johannesburg Country Club cricket grounds, it was phased out due to decreasing attendance figures that made it difficult to field two teams. Despite this, the sales team pushed for another opportunity and the first available date at the Country Club was booked! Invitations were designed and delivered to an enthusiastic response. Things were looking positive, but the week before the numbers looked dismal and concerns were raised as to whether two full teams could be fielded! All the stops were pulled out to contact clients and encourage them to come. By the Friday there were concerns that there would not be enough food for all! It was going to be a good day.

Saturday 4 October dawned as another beautiful sunny, but cool spring day on the Highveld. Randal Wahl, MD of Regent, rounded up the arriving families and divided them into teams. A higgledly piggledy bunch of professional-looking players and lets-get-stuck-in triers. Fathers and sons and even some mom’s put up their hands to play. Brian Lawrie, the Regent tool room manager, was co-opted as scorer, whether there were any officially appointed umpires, is a question no-one can answer but it did not matter. The match got on its way while spectators watched from beneath huge oak trees sipping cool drinks. The younger kids played the day away in the nets and the babies toddled on the grass.

Lunch was served under the sprawling trees, a welcome diversion from what was going to be a tightly contested match. The first team had set a challenging target and team two, captained by Randal, wanted to re-energise for the face off. The after lunch innings was handicapped by full bellies and droopy eyelids and despite some resounding support from the stands, team two just could not put the runs on the board.

Prize giving saw the Best Bowler going to Greg Alexander, the younger son of Robert Alexander, Regent’s top sales consultant and previous co-owner of the company. Best Batsman was shared between Simon Bush of CKR and Graham Damatta of Scientific Engineering. As there was only one trophy these two men had to fight it out with a down-down organized by Randal. Simon Bush won, we suspect Graham let him. The Character of the Day went to Petrese Mokoena, a Regent supervisor who has never played cricket in his life but bowled like he was born to and batted like he had been coached by Lance Klusner!

A fantastic family day was had by all. The next one is in March 2009. Regent hopes to see many more clients there.