



**Lighting Specialists
to the Mining Industry**

Versalux Mining Division



With over 60,000 of our Stainless Steel fixtures operating in the most severe environments in the country, Versalux Lighting Systems have, over the last decade, become the largest supplier of specialised lighting equipment to the Australian Mining and Resource Sector.

The ongoing reliability of our equipment, installed in over 50 of the largest mining sites in the country, stands as testament to the confidence Versalux can offer our clients with the capability of our products for their “extreme” operations.

Projects

Versalux provides resilient, reliable lighting equipment to all facets of Mining Infrastructure and Port operations, including Processing plants, Handling facilities, Stacker Reclaimers, Stockpiles, Loaders, MIA's, Maintenance Facilities and hundreds of kilometres of Conveyors.

Shown here is just a portion of our substantial Mining Portfolio...



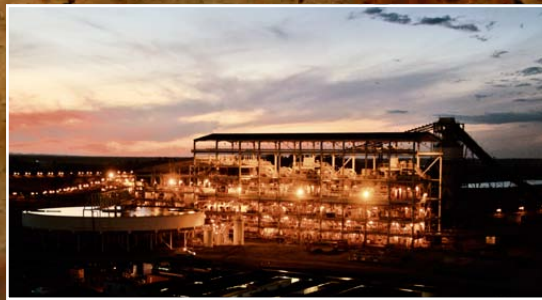
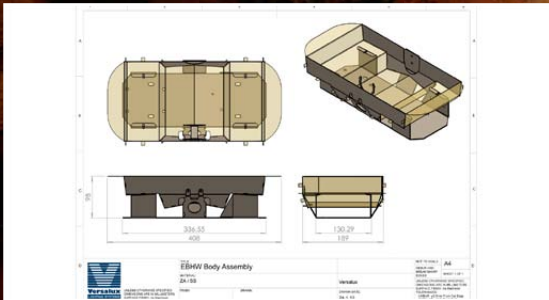
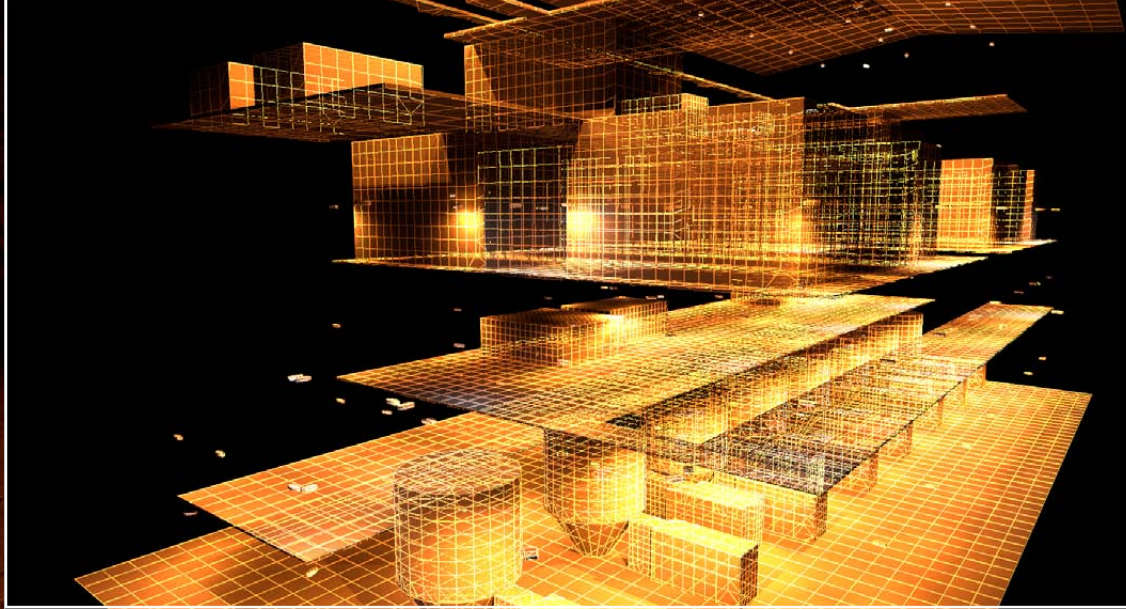
- Hay Point
- Hay Point Expansion
- Dawson
- Kogan Creek
- Millenium
- Gold Coast Desal
- Cape Lambert
- Bengalla
- Wilpinjong
- Maules Creek
- Newlands
- Collinsville
- Ulan
- Ulan Extensions
- Kooragang
- Grasstree
- German Creek
- Curragh North
- Saraji
- Boyne Smelters
- Goonyella Riverside
- Clermont
- South Walker
- One Steel Wharf
- Orica Explosives
- QNI Townsville
- Norwich Park
- Sonoma
- Pacific Salt
- QAL Alumina
- Willowong
- Lake Vermont
- Lake Lindsay
- Mt Isa
- Tarong Power Station
- Daunia
- Yarrabee
- Lady Annie
- Yandi
- Moolarben
- Crinum North
- Queensland Cement
- Gladstone Port
- ...and many more



Specialist Expertise to the Resource Sector

Versalux have a core team of dedicated Lighting Engineers that are specialists to the resource sector. They are in constant co-operation with major Mining Design Consultants, or regularly “on site” providing direct support to Mining electrical staff for all manner of lighting requirements.

They in-turn, are supported by our internal technical and design specialists who provide engineering solutions and lighting designs, and together represent the solid commitment Versalux have in place for support to this specialised sector.



Now and the Future

Versalux receives early insight on the new technologies developing out of Europe, the USA and Asia via wide ranging relationships across the international lighting community.

During 2012-13 we will release ground breaking products that will dramatically reduce a mine's carbon footprint and also answer the needs for “Dark Sky” and “Turtle Friendly” environments.



Built for Survival

Tough, dependable luminaires are our speciality for mining projects, with a wide range of enhanced versions designed specifically for the extreme conditions that are prevalent on mining sites.

Incorporating multiple methods of protection against corrosion, vibration, extreme temperatures, dust and moisture ensures that Versalux lighting products will continue to provide high performance and reliable illumination year after year.

Mine Maintenance



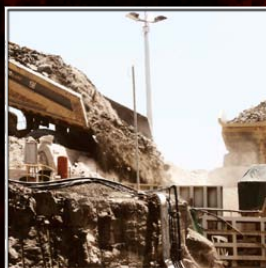
A standard Versalux EBH bulkhead fixture overdue for its monthly hose blasting...



Multiple high-compression clips and multi-tongue gaskets completely block the ingress of dust and blasting water



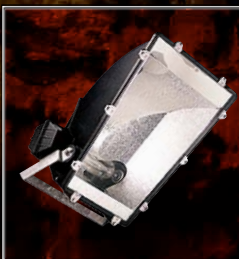
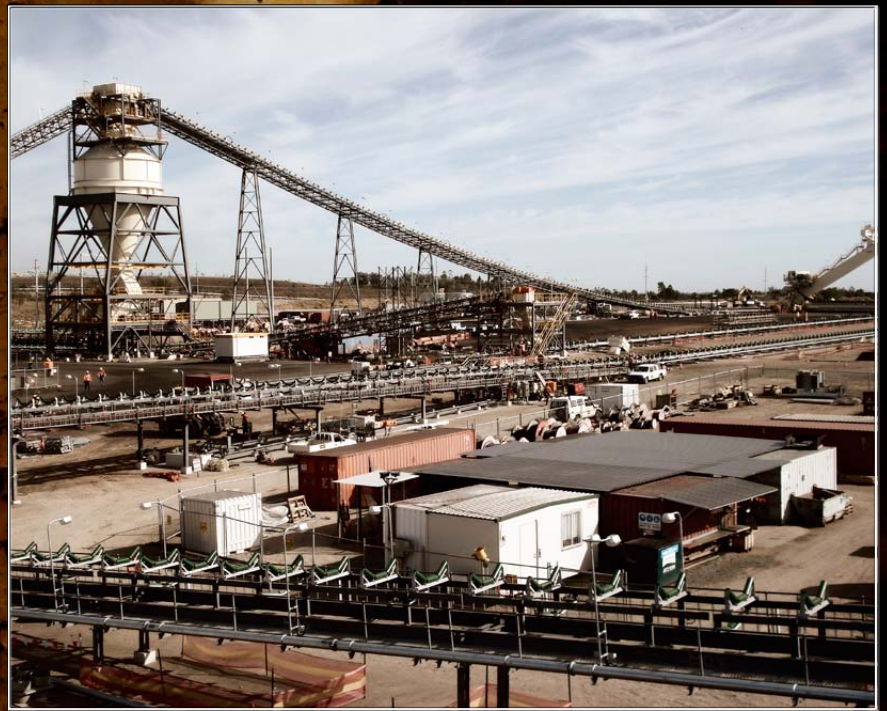
Smooth outer surfaces allow the removal of caked-on product for a full return to the original efficiencies



Lighting Equipment for Extreme Environments

Versalux are in continuous consultation with resource industry engineers and site electrical staff and have identified the features required to ensure our luminaires withstand constant exposure to extreme vibration, heat, tropical rain and humidity, dust, and the rigors of regular high pressure hose-blast maintenance.

- Seamless 1 piece 316 stainless steel bodies and components delivering supreme durability.
- Stainless steel floodlights with borosilicate glass lenses that will not crack as a result of thermal shock.
- Smooth surfaced lenses that do not discolour or deteriorate under the tropical sun, and hose-down clean, back to full transmittance.
- Oversize stainless steel clamps and multi-tongue gaskets that will not allow the ingress of dust or water.
- Silicon lamp supports that protect against wide frequencies of constant vibration.
- Interchangeable gear-trays that provide rapid repair conventions.
- Spigot mounts that incorporate pre-fitted IP66 glands and flex, to provide the fastest termination available.



Head Office
Melbourne, Australia
t: (+61) 3 8878 2000
e: sales@versalux.com.au
w: www.versalux.com.au



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