About B&R Enclosures

Since 1955, B&R has built a reputation for excellence in the design and manufacture of enclosures. Everything we have learned in that time, we’ve poured into our products and relationships.

B&R Enclosures was founded by Dick Bridges in 1955, specialising in sheet metal fabrication, including electrical enclosures for domestic metering applications.

With little capital but great enthusiasm for operating his own business and a determination to succeed, Dick commenced operations in his backyard in Adelaide, South Australia.

This family determination has seen B&R grow from a backyard operation to a multinational company with manufacturing plants in Brisbane, Adelaide, Sydney and Suzhou, China, 8 offices nationally and a network of international distributors.

As a 100% Australian, family-owned business, B&R champions the virtues of quality, service and value. Combined with our unrivalled industry and application knowledge, we are in a unique position to meet the needs of our customers.

B&R Enclosures encompasses four divisions: Industrial, Data ICT, Hazardous Areas and Residential Commercial. Each division focuses on the unique needs of different market segments.

Together, these divisions share the strengths, resources and experience of the founding company to provide attentive customer service, innovative design and superior quality products.

Some of the largest companies around the world use B&R as a major supplier. These include BHP Billiton, Rio Tinto and the Australian government to name a few. We have enjoyed repeat business with the world’s leading mining companies for over 20 years.

B&R Enclosures can offer extensive supply chain capabilities featuring supply from stock (ex our national warehouse network), supply of assembled to order solutions with short lead times, value adding services and cooperation with other suppliers to allow for integration of third-party products into enclosures, racks or cabinets prior to shipment.

B&R is also experienced in arranging specialised freight, product delivery, installation and removal of packaging. We measure our service performance and can provide regular written reports if required. B&R also provides key account management and project management to ensure that we clearly understand and can anticipate the ongoing needs of our customers.

Since 1955, B&R has built a reputation for excellence in the design and manufacture of enclosures. Everything we have learned in that time, we’ve poured into our products and relationships.
For over 10 years, B&R Enclosures have been supplying and manufacturing quality electrical equipment suitable for hazardous areas installations.

B&R’s electrical solutions are suitable for applications including:
- Mines
- Oil rigs
- Petrol refineries
- Chemical
- Grain handling
- Wheat silos
- Power stations
- Spray painting; and more

B&R offer a large range of certified electrical enclosures, lighting, controls and cable glands as well as IECEx certified value add services including custom control fit outs.

All products are IECEx certified and include:
- LED, fluorescent, floodlighting, well glass, linear, caution and exit lighting.
- Terminal & control enclosures – sloping roof, flat roof, pushbutton and Ex D.
- Plugs & Socket Outlets
- Cable Glands

With an established IECEx certified facility in Riverwood, New South Wales, utilise value add services to provide customers with a 100% fit-for-purpose solution for hazardous area locations.

B&R’s philosophy of quality is applied from design through to delivery, so you can be certain your hazardous area projects are safe and reliable.

B&R recently established two value add facilities in Southeast Asia and Saudi Arabia, utilising the expertise and of the founding company, B&R SEA and B&R Gulf to provide the highest quality value add products to suit the requirements of customers for highly specified projects within this expanding market.

B&R’s hazardous areas electrical equipment is used in Australia and internationally in Asia and the Middle East regularly on major projects.

B&R’s HAE products are on approved vendor lists of many Oil & Gas companies and end users in Asia and the Middle East.

HAE product solutions

At B&R, our industry experience and manufacturing expertise allows us to deliver to our customers a range of Hazardous Areas Electrical Equipment that ensures peace of mind.
Product Overview

LED LIGHTING
A wide range of energy efficient, low maintenance LED fittings used for high bay, floodlighting, area lighting, spotlighting and linear lighting. Suitable for zones 1 & 2, 21 & 22 applications.

FLOODLIGHTING
A range of floodlighting products available with either high pressure sodium or metal halide lamps. Suitable for zones 1 & 2 applications.

WELL GLASS LIGHTING
A range of well glass lighting available with either high pressure sodium or metal halide lamps. Suitable for zones 1 & 2, 21 & 22 applications.

LINEAR LIGHTING
A range of linear lighting available with fluorescent or LED tubes. A variety of wattages, materials, emergency and non-emergency options available. Suitable for zones 1 & 2, 21 & 22 applications.

CAUTION LIGHTING
A range of LED audio visual caution lights, offering low power consumption and long-life. Suitable for zones 1 & 2, 21 & 22 applications.

EXIT LIGHTING
An LED exit light that operates during normal conditions and switches to emergency mode when the power is cut. Used to provide exit lighting in hazardous locations. Suitable for zones 1 & 2 applications.
**GOLDENFROG SERIES LED**

- **Weight**: 5.5kg
- **Lamp**: LED
- **Surface Finish**: Powdercoated RAL7040 Window Grey
- **Rated Voltage**: AC 100 – 240V, 50Hz / 60Hz
- **Protection**: Ex d, Ex t IIC Db
- **Certification**: IECEx CQM 12.0033X

**FORESTFROG SERIES LED**

- **Weight**: 3.5kg
- **Lamp**: LED
- **Surface Finish**: Powdercoated RAL7040 Window Grey
- **Rated Voltage**: AC 100 - 277V, AC/DC 24-48V, DC 10 - 30V
- **Protection**: Ex d, Ex tb IIIC Db
- **Certification**: IECEx CQM 15.0039X

**FROG SERIES LED**

- **Weight**: 13.5kg
- **Lamp**: LED
- **Surface Finish**: Powdercoated RAL7040 Window Grey
- **Rated Voltage**: AC 180-277V, 50/60Hz
- **Protection**: Ex de, Ex tb IIIC Db
- **Certification**: IECEx COM 13.0003X
## AROWANA SERIES LED

- **Weight:** 5.0kg
- **Lamp:** LED
- **Surface Finish:** Powdercoated RAL7040 Window Grey
- **Rated Voltage:** AC 100-240V, 50/60Hz
- **Protection:** Ex d, Ex tb IIIC Db
- **Certification:** IECEx CQM 12.0034X

### Specifications

<table>
<thead>
<tr>
<th>Lamp</th>
<th>Material</th>
<th>Wattage</th>
<th>Type</th>
<th>Area Classification</th>
<th>Colour Temp</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Aluminium</td>
<td>18W, 30W</td>
<td>BAR</td>
<td>Z1 Zone 1&amp;2, 21&amp;22</td>
<td>2, 5000K</td>
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For more information → brenclosures.com.au/arowana-series-led.htm

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## POLARBEAR SERIES LED

- **Weight:** Up to 21kg
- **Lamp:** LED
- **Surface Finish:** Powdercoated RAL7040 Window Grey
- **Rated Voltage:** AC 100-130V, 220-240V
- **Protection:** Ex nR, Ex tc IIIC Dc
- **Certification:** IECEx COM 13.0044X

### Specifications

<table>
<thead>
<tr>
<th>Lamp</th>
<th>Material</th>
<th>Wattage</th>
<th>Series</th>
<th>Area Classification</th>
<th>Candela Distribution</th>
<th>Colour Temp</th>
</tr>
</thead>
</table>

For more information → brenclosures.com.au/polarbear-series-led.htm

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## SWORDFISH SERIES LED

- **Weight:** 6.0kg (600mm), 8.7kg (1200mm)
- **Lamp:** LED
- **Surface Finish:** Powdercoated RAL7040 Window Grey
- **Rated Voltage:** AC 100-277V
- **Protection:** Ex d, Ex eb, Ex tb IIIC Db
- **Certification:** IECEx TUR 16.0028

### Specifications

<table>
<thead>
<tr>
<th>Lamp</th>
<th>Material</th>
<th>Wattage</th>
<th>Size</th>
<th>Area Classification</th>
<th>Candela Distribution</th>
<th>Colour Temperature</th>
<th>Type</th>
<th>Operation</th>
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<tbody>
<tr>
<td>A</td>
<td>Aluminium</td>
<td>18W, 36W, 48W, 56W, 72W</td>
<td>SF Swordfish</td>
<td>SF</td>
<td>SF Swordfish</td>
<td>H Distribution Curve</td>
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<td>E Emergency</td>
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For more information → brenclosures.com.au/swordfish-series-led.htm

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B&R Enclosures Pty Ltd | brenclosures.com.au
**HRD85 SERIES LED FLOODLIGHT**

- **Weight:** 4.05 – 7.5kg
- **Lamp:** LED
- **Surface Finish:** Powdercoated RAL7040 Window Grey
- **Rated Voltage:** AC 187-265V, 50/60Hz
- **Protection:** Ex d, Ex t IIC Db
- **Certification:** IECEx CQM 12.0009X

**CZ0873/1 & CZ0874/1 SERIES LED LOWBAY**

- **Weight:** 5.5kg
- **Lamp:** Osram LED
- **Surface Finish:** Epoxy powdercoated white
- **Rated Voltage:** AC 187-265V, 50/60Hz
- **Protection:** Ex d, Ex t IIIC Db
- **Certification:** IECEx CQM 13.0025X

**150-250W FLDA SERIES FLOODLIGHT**

- **Weight:** 14.75kg (250W)
- **Lamp:** High Pressure Sodium, Metal Halide (not included)
- **Surface Finish:** Powdercoated RAL7040 Window Grey
- **Rated Voltage:** AC 220-240V, 50Hz / 60Hz
- **Protection:** Ex d
- **Certification:** IECEx CQM 12.0025
### 400W FLDA SERIES FLOODLIGHT

<table>
<thead>
<tr>
<th>Type</th>
<th>Material</th>
<th>Wattage</th>
<th>Lamp</th>
<th>Mounting</th>
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<tr>
<td>FLD</td>
<td>A</td>
<td>400W</td>
<td>MH High Pressure Sodium</td>
<td>T</td>
</tr>
</tbody>
</table>

- **Weight:** 30.75kg
- **Lamp:** High Pressure Sodium, Metal Halide (not included)
- **Surface Finish:** Powdercoated RAL7040 Window Grey
- **Rated Voltage:** AC 240V, 50Hz
- **Protection:** Ex de
- **Certification:** IECEx CQM 12.0030

**IP65**

**ZONE 1/2**

For more information → brenclosures.com.au/400w-flda-series-floodlight.htm

### 75-150W WGA SERIES WELL GLASS

<table>
<thead>
<tr>
<th>Type</th>
<th>Material</th>
<th>Wattage</th>
<th>Lamp</th>
<th>Mounting</th>
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<tbody>
<tr>
<td>WS</td>
<td>A</td>
<td>125W</td>
<td>MH High Pressure Sodium</td>
<td>C</td>
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</table>

- **Weight:** Up to 10kg
- **Lamp:** High Pressure Sodium, Metal Halide (not included)
- **Surface Finish:** Powdercoated RAL7040 Window Grey
- **Rated Voltage:** AC 220 - 240V, 50Hz / 60Hz
- **Protection:** Ex d, Ex tD
- **Certification:** IECEx CQM 12.0024

**IP66**

**ZONE 1/2**  **ZONE 21/22**

For more information → brenclosures.com.au/75150w-WGA-series-wellglass.htm

### 150-400W TRUNNION WGA SERIES WELL GLASS

<table>
<thead>
<tr>
<th>Type</th>
<th>Material</th>
<th>Wattage</th>
<th>Lamp</th>
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<tbody>
<tr>
<td>WS</td>
<td>A</td>
<td>175W</td>
<td>MH High Pressure Sodium</td>
<td>T</td>
</tr>
</tbody>
</table>

- **Weight:** 14.45kg, 20.0kg (400W)
- **Lamp:** High Pressure Sodium, Metal Halide (not included)
- **Surface Finish:** Powdercoated RAL7040 Window Grey
- **Rated Voltage:** AC 240V, 50Hz
- **Protection:** Ex de
- **Certification:** IECEx CQM 12.0029 (150-250W), IECEx CQM 12.0031X (400W)

**IP65**

**ZONE 1/2**

For more information → brenclosures.com.au/150400w-trunnion-WGA-series-wellglass.htm
400W WGA SERIES WELL GLASS

Weight: 21.0kg
Lamp: High Pressure Sodium, Metal Halide (not included)
Surface Finish: Powdercoated RAL7040 Window Grey
Rated Voltage: AC 240V, 50Hz
Protection: Ex d
Certification: IECEx CQM 12.0028

70-150W BND81 SERIES WELL GLASS

Weight: 6.15kg
Lamp: High Pressure Sodium, Metal Halide (not included)
Surface Finish: Powdercoated RAL7040 Window Grey
Rated Voltage: AC 220-250V, 50/60Hz
Protection: Ex nR, Ex t IIIC Db
Certification: IECEx CQM 12.0045X

150-250W BND81 SERIES WELL GLASS

Weight: 10kg
Lamp: High Pressure Sodium, Metal Halide (not included)
Surface Finish: Powdercoated RAL7040 Window Grey
Rated Voltage: AC 220-250V, 50/60Hz
Protection: Ex nR, Ex t IIIC Db
Certification: IECEx CQM 12.0010X
**400W BND81 SERIES WELL GLASS**

- **Type:** WG
- **Material:** A (Aluminium)
- **Wattage:** 400W
- **Lamp:** HS (High Pressure Sodium)
- **Mounting:** S
- **Area Classification:** Z2

**Weight:** 13.6kg

**Lamp:** High Pressure Sodium, Metal Halide (not included)

**Surface Finish:** Powdercoated RAL7040 Window Grey

**Rated Voltage:** AC 220-250V, 50/60Hz

**Protection:** Ex nR, Ex t IIII Db

**Certification:** IECEx COM 12.0039X

**For more information**


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**BAY51 SERIES LED & FLUORESCENT TUBE**

- **Lamp:** FLU (LED) or FLU (Fluorescent)
- **Material:** A (Aluminium)
- **Wattage:** 018W
- **No. of Lamps:** 01, 02, 03, 09, 10, 15, 18, 28, 36, 58W
- **Mounting:** C (Surface) or X2 (Hook)
- **Area Classification:** Z1, Z2
- **Type:** E (Emergency)

**Weight:** 5.6kg – 18.3kg

**Lamp:** Single or Twin LED or Fluorescent

**Surface Finish:** Powdercoated RAL7040 Window Grey

**Rated Voltage:** AC 100-300V, 50/60Hz / AC 110-265V, 50/60Hz (LED)

**Ex Marking:** Ex d, Ex t IIII Db

**Certification:** IECEx COM 12.0042X, IECEx COM 12.0005X (LED)

**For more information**


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**STANDARD & EMERGENCY FLUG0 SERIES FLUORESCENT**

- **Lamp:** FLU (Fluorescent)
- **Material:** GRP
- **Wattage:** 018W, 036W, 058W
- **No. of Lamps:** 01, 02, 03, 09, 10, 15, 18, 28, 36, 58W
- **Mounting:** CA1 (Surface) or E (Emergency)
- **Type:** CA1 (Surface) or E (Emergency)
- **Area Classification:** Z1, Z2

**Weight:** 6.7kg – 13.1kg

**Lamp:** Single or Twin Fluorescent

**Surface Finish:** Powdercoated RAL7040 Window Grey

**Rated Voltage:** AC ~254V, 50/60Hz

**Protection:** Ex d, Ex e, Ex q, Ex t D

**Certification:** IECEx COM 12.0026 (standard), IECEx COM 12.0041 (emergency)

**For more information**


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For more information

« brenclosures.com.au
**STANDARD & EMERGENCY CZ0865/6 SERIES FLUORESCENT TUBE**

- **Weight:** 6.7 – 9.6kg
- **Lamp:** Twin LED or Fluorescent
- **Surface Finish:** Powdercoated RAL7040 Window Grey
- **Rated Voltage:** AC 220-240V, 50/60Hz / AC 100-240V, 50/60HZ (LED)
- **Protection:** Ex nA, Ex d, Ex mb, Ex t IIIC Db
- **Certification:** IECEx CQM 12.0012

<table>
<thead>
<tr>
<th>Wattage</th>
<th>Lamp</th>
<th>Material</th>
<th>No. of Lamps</th>
<th>Mounting</th>
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<tbody>
<tr>
<td>10W</td>
<td>LED</td>
<td>G</td>
<td>X1 Single</td>
<td>C Surface</td>
</tr>
<tr>
<td>14W</td>
<td>LED</td>
<td>X2 Twin</td>
<td></td>
<td></td>
</tr>
<tr>
<td>18W</td>
<td>FLU</td>
<td>G</td>
<td>X1 Twin</td>
<td>C Surface</td>
</tr>
<tr>
<td>19W</td>
<td>FLU</td>
<td>X1 Twin</td>
<td>X2 Twin</td>
<td></td>
</tr>
<tr>
<td>28W</td>
<td>FLU</td>
<td>X2 Twin</td>
<td></td>
<td></td>
</tr>
<tr>
<td>36W</td>
<td>FLU</td>
<td>X2 Twin</td>
<td>X2 Twin</td>
<td></td>
</tr>
</tbody>
</table>

**IP66**

**ZONE 21/22**

**Zone 1/2**


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**FL-220 & FL-240 SERIES FLUORESCENT TUBE**

- **Weight:** 4.95kg (18W), 8.23kg (36W)
- **Lamp:** Twin Fluorescent
- **Surface Finish:** Epoxy powdercoated white
- **Rated Voltage:** AC 110-127V, AC 220-250V, 50/60Hz
- **Protection:** Ex d, Ex emb
- **Certification:** IECEx KGS 08.001X (18W), IECEx KGS 08.002X (36W)

<table>
<thead>
<tr>
<th>Wattage</th>
<th>Type</th>
<th>Material</th>
<th>No. of Lamps</th>
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<tbody>
<tr>
<td>18W</td>
<td>FLU</td>
<td>S</td>
<td>X2 Twin</td>
</tr>
<tr>
<td>36W</td>
<td>FLU</td>
<td>S</td>
<td>X2 Twin</td>
</tr>
</tbody>
</table>

**IP66**

**ZONE 1/2**

CAUTION VISUAL BSZD81-E SERIES LED

Weight: 10.0kg
Lamp: 10W LED (Red)
Surface Finish: Powdercoated RAL7040 Window Grey
Rated Voltage: AC 100-240V, 50/60Hz
Protection: Ex d, Ex e, Ex tb IIIC Db
Certification: IECEx CQM 11.0026X

CAUTION LOCAL VISUAL BSZD81-C SERIES RED LED

Weight: 13.8kg
Lamp: 40W LED (Red)
Surface Finish: Powdercoated RAL7040 Window Grey
Rated Voltage: AC 100-127V, AC 220-240V, 50/60Hz
Protection: Ex d, Ex e, Ex t
Certification: IECEx CQM 11.0026X

CAUTION AUDIO & VISUAL BBJ SERIES LED

Weight: 2.6kg
Lamp: 2W LED (Red, Blue, Yellow & Green)
Finish: Powdercoated RAL7040 Window Grey
Rated Voltage: AC 220 - 240V 50/60Hz or 24V AC/DC
Protection: Ex d ib
Certification: IECEx COM 11.0023
CAUTION AUDIO & VISUAL BBJ81 SERIES LED

- Weight: 2.6kg
- Lamp: 5W LED (Red, Blue, Yellow & Green)
- Finish: Powdercoated RAL7040 Window Grey
- Rated Voltage: AC 220-240V, 50/60Hz or 24V AC/DC
- Protection: Ex d, Ex t IIIC Db
- Certification: IECEx CQM 12.0038X

CAUTION VISUAL BJD81 SERIES LED

- Weight: 2.5kg
- Lamp: 3W LED (Red, Blue, Yellow & Green)
- Surface Finish: Powdercoated RAL7040 Window Grey
- Rated Voltage: AC 220 - 240V 50/60Hz / 24V AC/DC
- Protection: Ex d, Ex t IIC Db
- Certification: IECEx CQM 12.0038X

EXIT LIGHT BAY-D SERIES LED

- Weight: 6.4kg
- Lamp: 2W LED
- Surface Finish: Powdercoated RAL7040 Window Grey
- Rated Voltage: AC 230V, 50Hz
- Protection: Ex d
- Certification: IECEx LCI 08.0012X
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SALES, DISTRIBUTION AND MANUFACTURING LOCATIONS

SALES, DISTRIBUTION AND MANUFACTURING LOCATIONS