

LV JUICE

ANY WEATHER,
ANYTIME.

RAYGEL PLUS 3 STREET LIGHT JOINT



POWERGEL SEALING GEL TECHNOLOGY

The revolutionary PowerGel sealing gel is rated to 90°C continuous temperature and is halogen-free with an unlimited shelf life. RayGel is qualified to CENELEC HD623, the European specification for buried applications. This includes a three week heat-cycling test with the joint immersed in one metre depth of water.

EASY TO INSTALL

Closing the rugged RayGel closure is literally a snap. The short lengths also allow for installations in cramped locations. **No special tools needed, no rip cords to break, and no trimming, mixing, pouring, or heating is required.** The RayGel closure covers and seals the joint quickly and easily, saving both time and effort. RayGel can immediately be put into service.

FEATURES

- Quick and easy installation
- Unlimited shelf life
- Suitable for outdoor and direct burial situations
- Full branch capabilities without cutting the main cable
- Qualified to joint standard EN 50393
- Halogen free and UV resistant



6mm² single core neutral screen to 16mm² 4 core XLPE



16mm² single core neutral screen to 16mm² 4 core XLPE



This Month

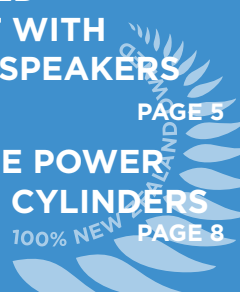
BALMORAL LINE COVER
PAGE 2

PORTABLE LED FLOODLIGHT WITH BLUETOOTH SPEAKERS
PAGE 5

HOW TO SAVE POWER WITH SMART CYLINDERS
PAGE 8

FREE MARSHMALLOW EASTER EGGS
WHILE STOCKS LAST

When you spend over \$300 (excl GST) on one invoice this month





BALMORAL TIGER TAILS

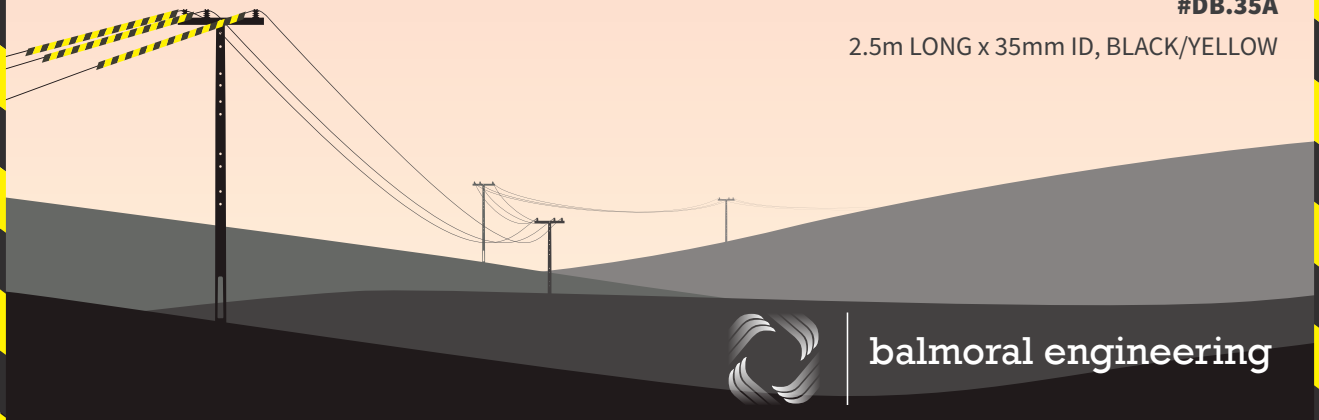
TIGER TAILS

Designed to Command Attention

Also known as line cover, Tiger Tails provide temporary electrical insulation, mechanical protection and visual warning of power lines and conductors. Utilised by utilities and electrical contractors, these robust units have decades of engineering and development to ensure the highest quality and safety standards. Made from HDPE plastic with a mechanical interlock fastening system. Certified AS4202, Class I and voltage rated 650V.

#DB.35A

2.5m LONG x 35mm ID, BLACK/YELLOW



balmoral engineering

LV LINE COVER - #2010

FEATURES

- Class II 650V
- EPDM with Velcro fastenings
- AS4202 certification
- 1mx235mm drop
- Standard shape
- Yellow/blue dual colour material safety feature
- Tested voltage 5kV batch
- Non-slip & flexible
- Weather resistant
- Crease in overhead style covers to conform to line
- Stamped and rated to comply with Australian & International Standards

BALMORAL LINE COVER

Use on power lines & service wires.



balmoral engineering

All Specials and Products featured in TRANSNET JUICE are available from all good electrical wholesalers.





LV FUSES BY TE

**NH NS TIA TIS TCP TFP TBC TC TF
TKF JHU JPU JSU CYLINDRICAL**

TE Connectivity's huge range of LV Fuses is IEC Approved and manufactured to the highest quality standards. Our stock is available with voltage ratings of 500, 550 & 690V AC, gG, Q1 & gG/gL classes, 80, 100 & 120kA rated breaking capacities, and Standard Specifications BS88-2 & IEC/EN 60269-2-1.



**STAGGERED • CENTRAL • OFFSET
• BARREL • J TYPE • DIN**



NEW PRODUCT! TNFC FUSE CARRIERS



SAFECLIP FUSE FITTINGS 32A

- Self cleaning, self aligning base contacts
- Clip-in fuse links, no tools required for fuse replacement
- Full shrouded contacts, IP20 degree of protection
- DIN rail mounting with easy to remove carrier
- Made from flame retardant thermoplastic
- Rated current 32A
- Rated Voltage 550V
- Australian Standard AS60269 and BS88 Part 6

NEW

RS FUSE FITTINGS 63A

- Insulating sleeves to protect cable entry
- Full shrouded contacts, IP20 degree of protection
- Made from tough flame-retardant non-hydroscopic material
- Anti-vibration contact design
- Tapered shank on fuse fixing screws, easy re-entry
- Rated current 63A
- Rated Voltage 690V
- Australian Standard AS60269

NEW





LEDFL16 LIGHTING FOR ANY SPACE

Versatile & high performance floodlights

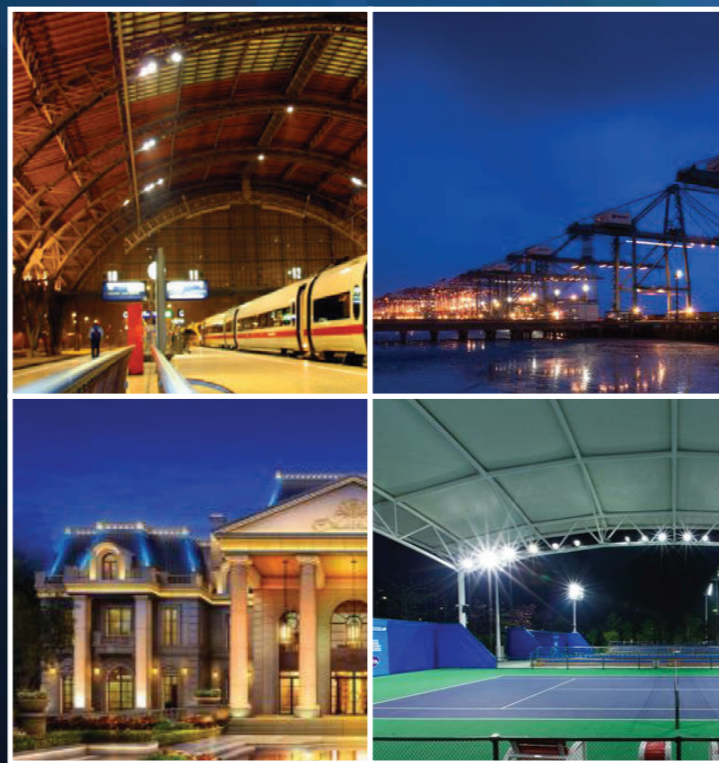
The LEDFL16 series delivers high lumens and is great value for lumens per watt. These LED floodlights are IP65 rated, and the range includes 30° and 110° beam angles.

FEATURES

- High Luminous Efficiency: up to 110lm/w
- Multiple options of beam angle to meet different application requirements
- External power supply (IP67), dimming function and light control system can be added
- Low weight for easy mounting and maintenance - 80 watt only 5.3kgs, 200 watt only 7.5kgs
- Adjustable U type bracket is easily for mounting

APPLICATIONS

- Warehouses
- Airports
- Train stations
- Docks
- Workshops
- Billboards
- Sports fields



Model No.	Power (W)	Lumens (lm)	Luminous Efficiency	Colour Temperature	Colour Rendering (Ra)	IP Rating	Power Factor	Input Voltage	Operating Temperature	Beam Angle	Dimensions (mm)	Weight (kg)
LEDFL16[N]-80C	80	8000								110° STANDARD	300 x 300 x 261	5.3
LEDFL16[N]-140AC	140	15,400	110lm/W	5000K	70	IP65	>0.95	100-240V AC	-40°C ~ +40°C	30°(N) NARROW	380 x 380 x 261	7.5
LEDFL16[N]-200AC	200	22,000										

SUITABLE FOR: Warehouses, train stations, workshops, sports fields, airports, docks, billboards



GOES WHERE YOU NEED IT LEDPORT

Rugged multipurpose portable floodlights

The perfect portable work light. Available in 20W and 50W this rechargeable battery powered LED floodlight is a must have for all tradesmen.

FEATURES

- Bluetooth connection function
- USB outlet to charge other devices
- 4-5 hour battery run time
- 100% & 50% light level settings
- Rechargeable Li-ion battery
- Slim & compact design - easy storage
- 12V DC & 230V AC charger



OPTIONAL MAGNETIC BASE



OPTIONAL SPARE BATTERY

BLUETOOTH CONNECTION TO PLAY MUSIC



USB OUTLET TO CHARGE MOBILE DEVICES

APPLICATIONS

- Lighting small spaces - ceiling cavities, under buildings
- Heat sensitive situations - LEDs are cool running
- Places where the light direction is moved often
- Areas with no mains power supply



Model No.	Power (W)	Lumens (lm)	IP Rating	Single Battery Included	Charger
LEDPORT-20W-BATT	20	1600	IP54	YES	12V DC/230V AC
LEDPORT-50W-BATT	50	3500	IP54	YES	12V DC/230V AC
LEDPORT-MAGBASE				Optional Magnetic Base	
LEDBATT-20W				Optional Spare Battery for LEDPORT-20W-BATT	
LEDBATT-50W				Optional Spare Battery for LEDPORT-50W-BATT	

#LEDPORT-20W-BATT	#LEDPORT-50W-BATT
\$99.00 + GST	\$149.00 + GST
#LEDPORT-MAGBASE	#LEDBATT-20W
\$19.00 + GST	#LEDBATT-50W
	SPARE BATTERIES ALSO AVAILABLE



A TRULY BIMETALLIC FRICTION WELDED CONNECTOR



VCXI lugs consist of an aluminium barrel linked to a copper palm by friction welding technology. The aluminium barrel is provided with a shear head bolt controlling the tightening torque.

APPLICATIONS

- Used for connection of aluminium or copper industrial conductor
- For indoor application only
- LV connection on busbar inside electrical panel and on compact type circuit breaker (new generation)

FEATURES

- Accepts aluminium and copper cables
- Copper palm compatible with the palms of the apparatus to be connected
- Only 5 lugs will connect from 25 to 500mm²
- Can be fitted into the new generation of compact type circuit breakers
- Inner surface of aluminium barrel is grooved at the manufacturing stage and greased to ensure a good electrical contact with wires to be joined
- Tightening torque controlled by shear head system
- No specific tool needed
- Only one bolt to tighten

Cat No.	Cross Section Range (mm ²)		Stud Size LB
	Aluminium	Copper	
VCXI-11-M6	25-70	25-50	M6
VCXI-14-M10	50-120	50-95	M10
VCXI-18-M10	95-185	95-120	M10
VCXI-29-M16	150-300	150-185	M12
VCXI-22-M12	240-500	240	M16





UTILUX HAND OPERATED MECHANICAL LEVER TOOLS

POWER AT YOUR FINGERTIPS



Utilux's range of hand operated, mechanical lever tools is suitable for Copper lugs and links (CG and CK series). They include a built in, selectable crimp die set for a range of lug and link sizes.

FEATURES

#21/1

- RANGE: 6mm² – 50mm²
- CRIMP TYPE: HEXAGONAL
- LENGTH: 410mm
- WEIGHT: 1.4kg

#22/1

- RANGE: 6mm² – 120mm²
- CRIMP TYPE: HEXAGONAL
- LENGTH: 670mm
- WEIGHT: 3.9kg

Product #21/1
\$163.94
+ GST

Product #22/1
\$197.31
+ GST



TE PORTABLE USB POWERBANK



POWER ON THE GO

Combining creative design with a powerful battery, TE's portable Powerbank provides a reliable source of power for your mobile devices on the go. This compact battery charger is compatible with most smartphones and other devices that charge via a USB port.

Available in three colours



2086767-1

2086767-2

2086767-3



FEATURES ⚡

- Suitable for Smartphones, iPads, MP4 players & games
- Easy to use functions
- 5200mAh high capacity battery
- Indicator light and flashlight
- Micro-USB to USB cable included
- Smart sleep function automatically shuts off device to save power
- Charges iPhone 5 up to twice on single charge
- Long cycle life (more than 500 recharges)
- Only 130g

\$27.50
+ GST

GET INTO HOT WATER

How Smart Cylinders Save Power



TransNet New Zealand Ltd

Auckland

78 Cryers Road
East Tamaki
Auckland
NEW ZEALAND
Ph 0800 442 182
Fax 0800 442 183
PO Box 39 383
Howick, Auckland

Wellington

18 Sydney Street
Petone
Wellington
NEW ZEALAND
Ph 04 576 2530
Fax 04 576 0040
PO Box 39 383
Howick, Auckland

NEW ZEALAND

sales@transnet.co.nz

TransNet Tonga

Ma'ufanga

Small Industries
Ma'ufanga
TONGA
Ph +67 627 939
Fax +67 627 976
PO Box 2932
Nukualofa

TONGA

transnet@kalianet.to

Otherwise pretty identical to the anonymous grey cylinders everyone tolerates today, the Smart Cylinder features sensors and an intelligent controller. Critically, the system also comes with a wall mounted Colour Touch Display. This is the 'window' into the secretive goings on inside the cylinder, and it is via this display that users control the type, extent, and timing of savings.

Hot Water Fuel Gauge

The first benefit of the Hot Water Fuel Gauge is a percentage reading of how much hot water is available. This is valuable information on the efficiency of the system, quantity of hot water used, and potential savings.

Enough Hot Water

At the core of the system is the intuitive Smart Hot Water Control software, which figures out if there is enough hot water. This user friendly feature means substantial or minor changes are no problem.

Stratification Control

The Smart Hot Water Stratification Control allows cold water and hot water to co-exist in the same cylinder. It knows how far up the cold water is progressing and will intervene to heat just enough to avoid running out of hot water. This saves a lot of radiated losses.

Sterilisation Control

The first controller manufacturers in the world to

introduce Legionella sterilisation control (BioSafe©) to its controllers back in 2005, Smart Cylinders feature the latest and most advanced protection in place. No matter what the setting the cylinder will always contain safe hot water.

Additional Features

Holiday Mode button – no heating except for Legionella protection

Boost button – heat up to max for anticipated high draw off

Never before have users been able to see how much hot water they have, how much each shower or activity uses, and been given the opportunity to affect the hot water efficiency and their own costs directly. You choose the efficiency, how much minimum hot water is stored and when.

Savings

A Smart Cylinder minimizes lost heat from the cylinder while ensuring you don't run out of hot water. Consider a standard (not -smart) A grade hot water cylinder can lose 33% of its heat every 24 hours.

The way power is used by your hot water cylinder at different times of the day is now under your control. This is perfect for special low price power offerings and the growing use of renewable energy systems; it will work great in conjunction with a solar investment. This flexibility offers substantial cost savings when enabled and enhanced by a Smart Cylinder.

Water can hold a lot of energy so with a Smart Cylinder your hot water cylinder can be used as a liquid battery.

A change in user behaviour is the most exciting avenue for Smart Cylinder savings. Visual information from the display coupled with user engagement via the touch screen enables a powerful feedback effect that can break energy wasting habits and encourage lower energy use. But even users who don't want to change their water usage habits can maximise savings with the Smart Cylinder working away quietly in background. Extra participation (and extra savings) is completely voluntary and consumer-led.

For more information on how Smart Cylinders can benefit you please contact your local rep.

