



Solar Bollard *Lighting*

COMPANY OVERVIEW



**GOOD
DESIGN
AWARD®**
GOLD WINNER



ABOUT US

Key Wholesalers Pty Ltd t/a Solar Bollard Lighting is a multiple award-winning global success, due to our original design innovations and Australian manufacturing excellence. Combining these features, we've stayed ahead of the innovation curve.

We've created first-to-market commercialisation of world-leading solar lights, including:

- **the worlds first all-in-one solar bollard light in late 2005**
- **the worlds first IK10 vandal-resistant solar bollard light in 2012**
- **the worlds first IP68 submersible solar bollard light in 2018**

Solar Bollard Lighting located in Moreton Bay Queensland, offers the most innovative product, which can be found in over 37 countries. Our premium commercial-grade solar bollard light is custom-built to our clients' exact requirements to cope with the most diverse and harshest of environments.

OUR LATEST RELEASE SBL2 SERIES SOLAR LIGHTS :

- Brighter for Longer, with models that Charges in Shade
- Australian Certified - IP68 Submersible & IK10 Vandal Resistant
- To Market Proven Longer Life than competitor products
- Australian Made - use of AMCL Kangaroo Logo (Licensee ID Number: 7739)
- Multi Award Winning Innovations
- 100% Recyclable and 100% Renewable Energy Powered
- World-leading 10-year warranty on both product and performance
- Various power designs not a "One Size Fits All" model which is proven to fail

OUR PRODUCTS ARE MULTIPLE AWARD WINNING WHICH INCLUDE:

- 2007 Winner Greenhouse Gas Reduction: **Sunshine Coast Environment Council**
- 2016 Winner "Most Innovative Product": **Australian Smart Lighting Summit 2016**
- 2018 **Moreton Bay Region Business Excellence & Innovation Awards:**
 - Winner Exporting Excellence
 - Finalist Innovation Excellence
- 2019 Winner **Moreton Bay Region Business Excellence & Innovation Awards::**
 - Business of the Year
 - Exporting Excellence
 - Environment and Sustainability
- 2020 Winner Good Design Gold Award: **Good Design Australia**
- 2021 Top 10 Judge's Finalist: **Australia by Design: Innovations TV series**
- 2021 Finalist Sustainability & Small Business: **Premier of Queensland Export Award**
- 2021 **Moreton Bay Region Business Excellence & Innovation Awards::**
 - Winner Exporting Excellence
 - Finalist Entrepreneur of the Year

ABOUT US

Excellence in Fulfilling the Promise:

We produce and provide innovative products of uncompromised quality and benefit to customers.

Innovation and Assembly Technology:

To ensure quality, it is essential to utilise the latest and most efficient technologies available. Keeping abreast with technological curve we gain, and maintain, a competitive advantage utilising the latest production and R&D techniques.

Loyalty, Dedication and Integrity:

The loyalty, dedication and integrity is essential to the prosperity of the company and our global group as a whole as one family. We recognise that mutual commitment to success should lead to the prosperity of all involved.

What We Do Different and Makes Us Unique:

Some locations only see two or three hours of sunlight a day. Some installations may be situated under a fully shaded canopy of trees, getting no direct sunlight.

A “One-Size-Fits-All” product installation approach does not take into consideration the varying lighting dynamics at any given location, across the globe.

Solar Bollard Lighting not only offers the most innovative product, but we also ensure a reliable solar lighting installation too, backed by our world-leading warranty on both product and performance.

Every project must have an initial geographical location and shade assessment completed by a Solar Bollard Lighting authorized distributor, importer, sales agent who has been trained according to validated Solar Bollard Lighting® protocols.

This assessment applies the ‘Power In = Power Out’ equation, based on a sunlight profile during the winter solstice, the day of least sun in the specific geographical location. This procedure must be strictly adhered to, ensuring the correct power model mix is supplied to suit the actual project, not a “One-Size-Fits-All” assumption.

The 6106 T6 grade aluminium poles we manufacturer here in Australia are extruded and not casted with a mix of low-grade alloys. This ensures our bollard poles will achieve up to 30 years operational life and upgrading of only the solar light head only at end of life with another Solar Bollard Lighting product. All our product components are 100% recyclable.

Competitor products require at least two (2) – three (3) complete product change overs and reinstalls to one (1) SBL2 Series solar light head change over in a single 10-year life cycle.

Solar Bollard Lighting products reduce future capital expenditure, and excessive waste.

AWARDS

2007 / 2016 / 2018



2019



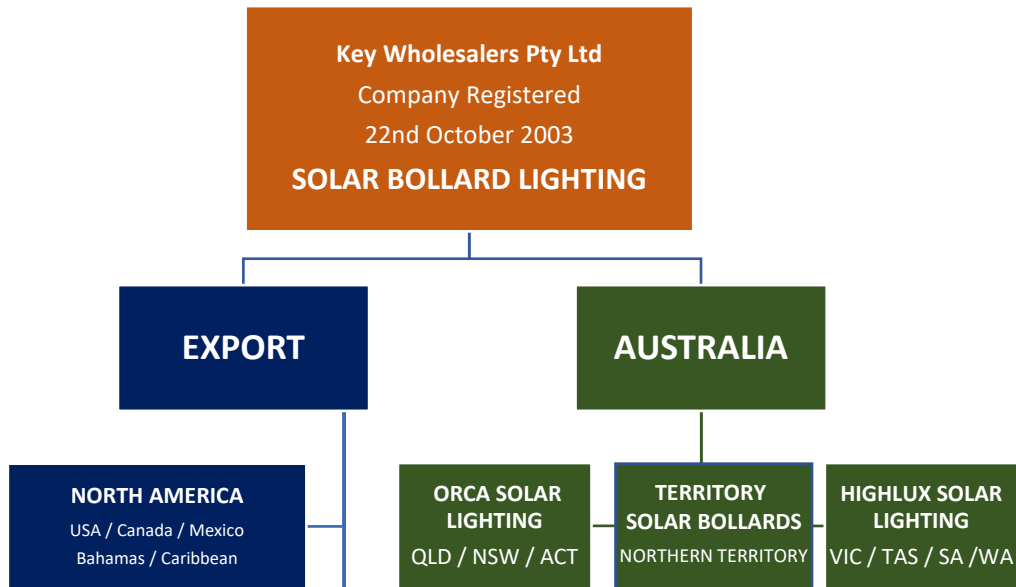
2019 / 2020



2021



DISTRIBUTION NETWORK



INTERNATIONAL – Some User Examples

- US Naval Base Forest City - Hawaii USA
- US Embassy - BAGHDAD IRAQ via FEDBID
- US Air Force Base – DJIBOUTI
- Heron’s Head Park - Port of San Francisco CA USA
- City of Duluth - MN USA
- City of San Leandro - CA USA
- City of Hartford - CT USA
- City of Lafayette – LA USA
- Google YouTube Campus - CA USA
- Landmark Estate Edmonton – AB CANADA
- Vieux Fort – ST LUCIA (Caribbean)
- Aljaryan Palace - QATAR
- Abu Dhabi Ministry of Education - UAE
- UAE Defence Force - UAE
- KOBE Port – JAPAN
- Singapore Sports Hub – SINGAPORE
- Airport Authority Hong Kong – HONG KONG
- Marriott Hotel – HONG KONG
- Parkovi – CROATIA
- Las Palmas de Gran Canaria - SPAIN
- Environmental Agency Midlands – UNITED KINGDOM
- Coral Sea Casino – SOLOMON ISLANDS
- NZ Public Housing – NEW ZEALAND
- Four Seasons Resort - MALDIVES
- IKON Developments - CYPRUS
- Honda Plant - MALAYSIA
- University of PNG - PNG
- Tema LNG Port - GHANA

EXAMPLE OF OUR CLIENTS



SMALL EXAMPLE OF CLIENTS

Australia

Councils:

- Alpine Shire Council
- Baw Baw Shire Council
- Burdekin Shire Council
- Cairns Regional Council
- City of Albany
- City of Bayswater
- City of Busselton
- City of Darwin
- City of Fremantle
- City of Greater *Dandenong*
- City of Ipswich
- City of Mandurah
- City of Onkaparinga
- City of Rockingham
- City of Kalamunda
- District Council of Mt Barker
- Eurobodalla Shire Council
- Forbes Shire Council
- Gold Coast City Council
- Goondiwindi Regional Council
- Great Lakes Shire Council
- Kempsey Shire Council
- Kimberley Land Council
- Lane Cove Municipal Council
- MacDonnell Range Shire Council
- Mildura Rural City Council
- Moreton Bay Regional Council
- Mornington Shire Council
- Nambucca Shire Council
- Scenic Rim Shire Council
- Shire of Ashburton
- Shire of Manjimup
- Shoalhaven City Council
- South Burnett Regional Council
- Sunshine Coast Regional Council
- Toowoomba Regional Council
- Town of Port Headland
- Whitsunday Regional Council

Government Departments Aged Care and Builders

- Australian Dept. Defence NT
- Australian Dept. Defence VIC
- Australian Dept. Defence ACT
- Australian Dept. Defence NSW
- Australian Dept. Defence SA
- Armadale Hospital
- St George Hospital
- Dysart Hospital
- TMR Public pontoons
- Q-Rail / TasRail
- TasPorts – King Island
- S.A Water Corporation
- CSIRO – NASA Tracking Station
- AVJennings
- ECH Inc Retirement Living
- Masonic Retirement Villages
- RSL Care
- Salvation Army Villages
- Lendlease Villages
- Living Choice
- Genesis Homes
- Southern Cross Care
- Living Gems Residential Resorts
- Aveo Independent Living

Education

- Hunter River High School
- Jacobs Well Education Centre
- Mater Christi College
- Methodist Ladies College – Mallacoota
- Paluma Environmental E.C
- St Patrick's College - Gympie
- St Patrick's College - Brisbane
- Willunga Waldorf School
- University of Newcastle

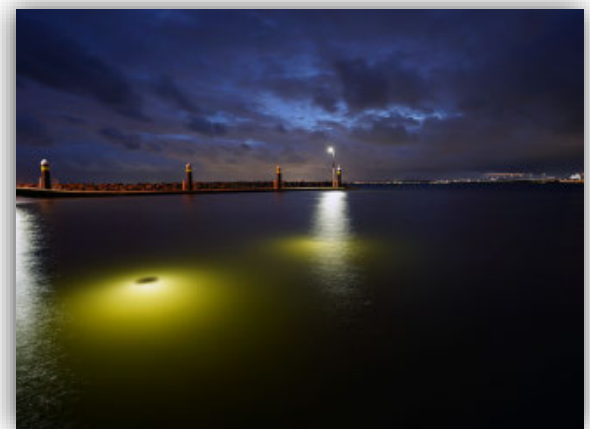
Tourist Parks / Attractions

- Ayers Rock Resort
- Advance Town Caravan Park
- BIG4 Walkabout Palms Townsville
- BIG4 Bendigo Marong HP
- Chandon Winery
- Cicada Lodge Katherine NT
- Irvine Wines
- Mandurah Beach Chalets
- Normanton Caravan Park
- Reflection Holiday Parks
- Sea World Theme Park
- Strathalbyn Caravan Park
- SKYCITY Casino and Hotel

Mining and Other

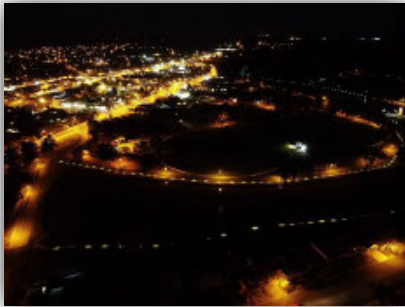
- Abigroup Contractors Pty Ltd
- Barrick
- BHP Billiton – Various Locations
- BMA
- FMG Mining
- Ford Motor Company
- Pilbara Iron Ore Company (RIO TINTO)
- Oz Minerals
- Spotless (Mining and Defence)
- The Hilditch Statues – Newman
- Stockland

IP68 SUBMERSION OPERATION



PROJECT EXAMPLES - Australia

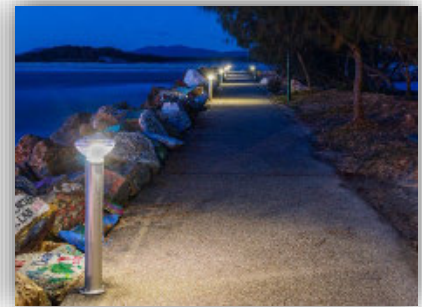
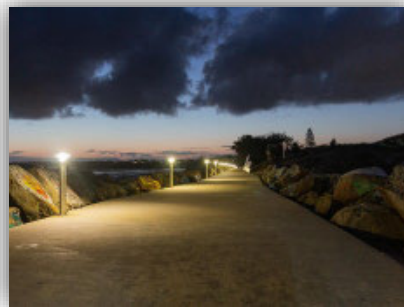
FORBES SHIRE COUNCIL - 400 x SBL2 Solar Lights



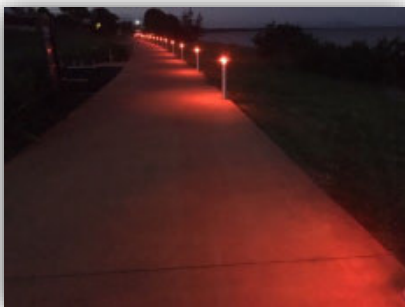
GOLD COAST CITY COUNCIL - 120 x SBL2 Solar Lights



NAMBUCCA SHIRE COUNCIL - 90 x SBL2 Solar Lights



CASSOWARY COAST COUNCIL - 36 x SBL2WLF Solar Lights



PROJECT EXAMPLES - Australia

NOOSA SHIRE COUNCIL - 16 x SBL Solar Lights



SUNSHINE COAST COUNCIL - 18 x SBL Solar Lights



FRASER COAST COUNCIL - 5 x SBL2 Solar Lights



LAKE GRACE AMBULANCE CENTRE – 26 x SBL2 Solar Lights



PROJECT EXAMPLES - Australia

CITY OF ROCKINGHAM - 43 x SBL Solar Lights



JACARANDA SPRINGS - CITY OF SWAN - 38 x SBL Solar Lights



BATHERS BEACH - CITY OF FREMANTLE - 2 x SBL2 Solar Lights

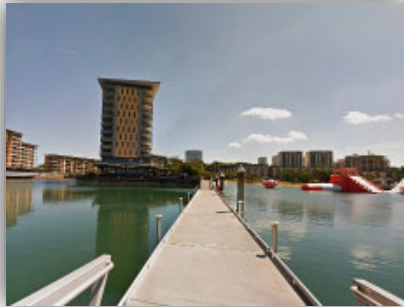


IPSWICH CITY COUNCIL - 26 x SBL Solar Lights

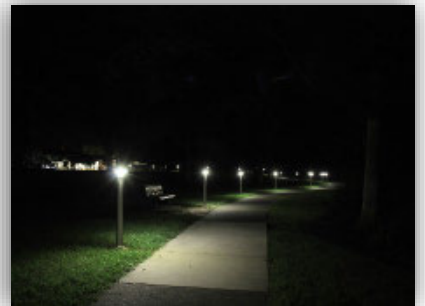
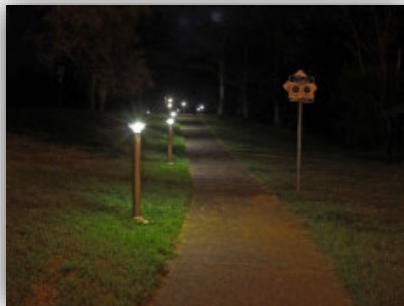


PROJECT EXAMPLES - Australia

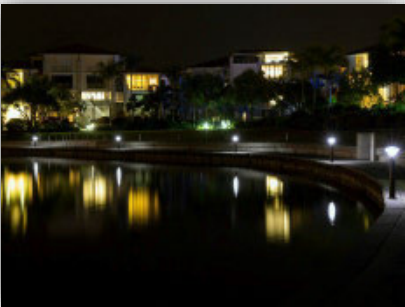
DARWIN WATERFRONT CORP - 13 x SBL2 Solar Lights



GOLD COAST CITY COUNCIL - 36 x SBL2 Solar Lights



HOPE ISLAND – GOLD COAST - 45 x SBL Solar Lights

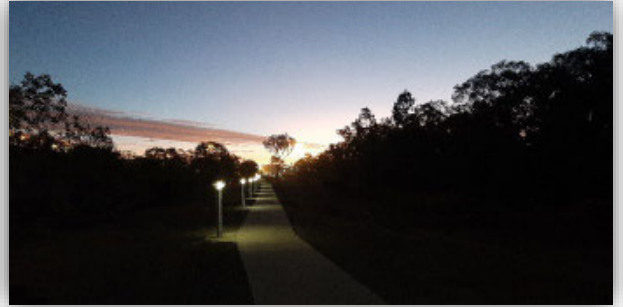


WARRAGUL VIC – Install 2012 1st Image & 2020 2nd Image



MINING EXAMPLES - Australia

BHP MORANBAH - SBL2 Solar Lights



RIO TINTO VARIOUS LOCATIONS - SBL2 Solar Lights



FMG - CHRISTMAS CREEK - SBL2 Solar Lights



OZ MINERALS - SBL2 Solar Lights



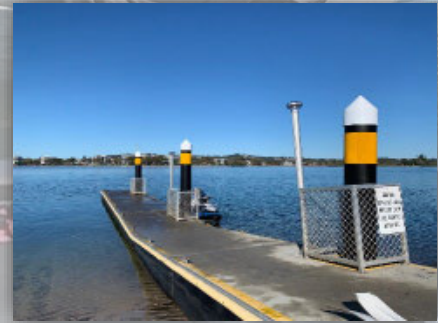
SBL2 Product Specified For Use



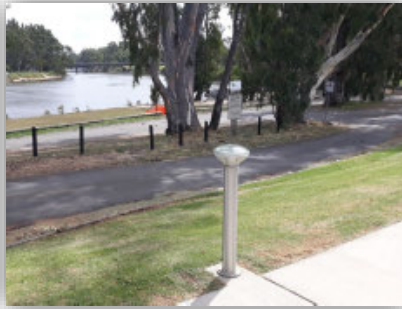
Queensland Government

Department of Transport and Main Roads

- Only approved Solar Lighting to be used on any public marine asset in Qld since 2019
- Specified by DTMR within all supplier documentation and handbooks
- DTMR now removing and retro fitting all previous public marine assets throughout Qld infrastructure to SBL2 models only
- Used to retro fit HEI lighting from Europe due to severe rusting and lighting failures
- Used to retrofit all First Light products from Canada/USA due to severe rusting and lighting failures within 2 years



RANDON OTHER PROJECT TYPES



PROJECT EXAMPLES – Int'l

SINGAPORE SPORTS HUB - 153 x SBL2 Solar Lights



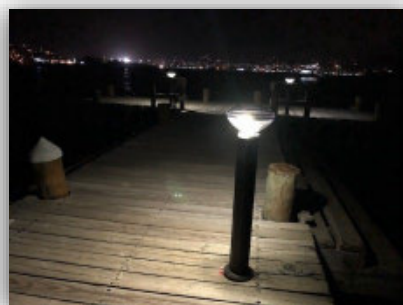
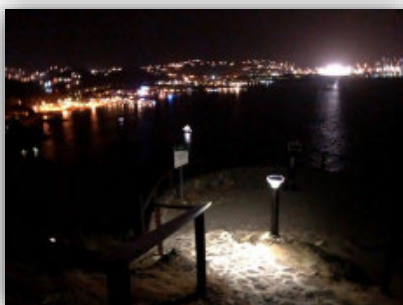
ALJARYAN PALACE PROJECT - QATAR - 20 x SBL2 Solar Lights



CITY OF DULUTH MN - USA - 10 x SBL2 Solar Lights

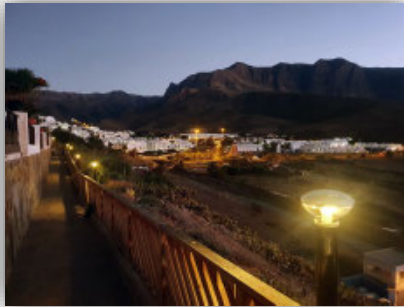


FORT RODNEY - CARIBBEAN - 135 x SBL2 Solar Lights



PROJECT EXAMPLES – Int'l

AGAETE – SPAIN - 50 x SBL2 Solar Lights



TEMA LNG TERMINAL - GHANA - 60 x SBL2 Solar Lights



PARKOVI - CROATIA - 58 x SBL2 Solar Lights

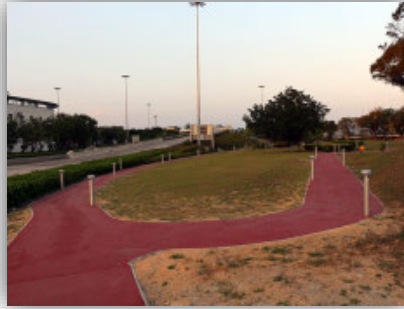


NESTA RESORT - JAPAN - 140 x SBL Solar Lights

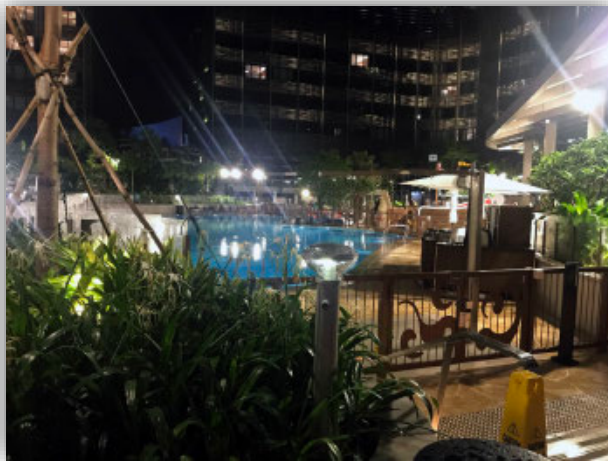


PROJECT EXAMPLES – Int'l

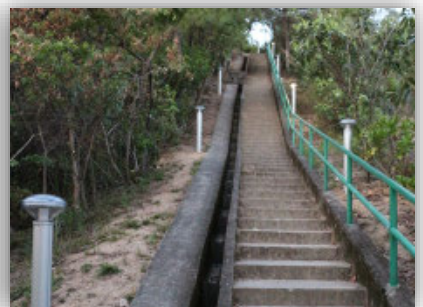
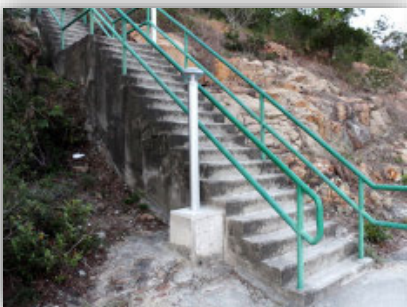
AIRPORT AUTHORITY HONG KONG - 90 x SBL2 Solar Lights



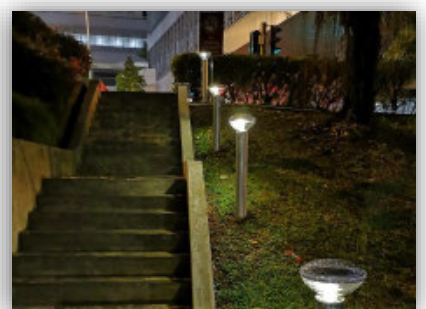
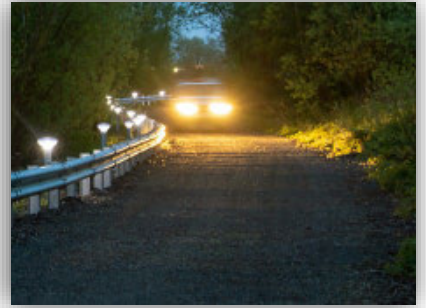
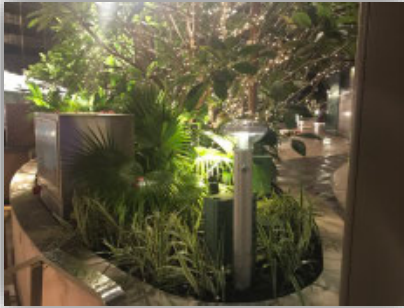
MARRIOTT HOTEL - HONG KONG - 15 x SBL2 Solar Lights



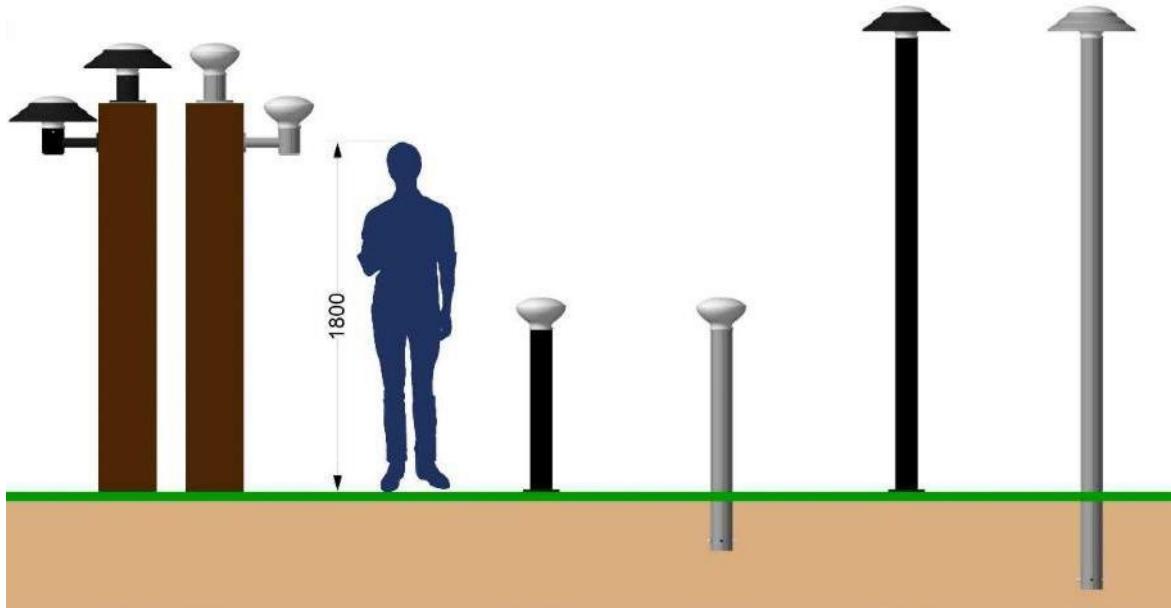
AIRPORT AUTHORITY HONG KONG - 63 x SBL2 Solar Lights



VARIOUS INT'L INSTALLS



SBL2 POLE OPTION EXAMPLES



Wall Mount Options
Pylon Mount Options
Fence Mount Options

Low Level
Ground Mount
Overall Height
1000mm to 1500mm

Low Level
Buried In Ground
Overall Height
1000mm to 1500mm

Overhead
Ground Mount
Overall Height
2500mm to 4500mm

Overhead
Buried In Ground
Overall Height
2500mm to 4500mm



SBL SERIES

IMPACT TESTING VIDEO TOOLS



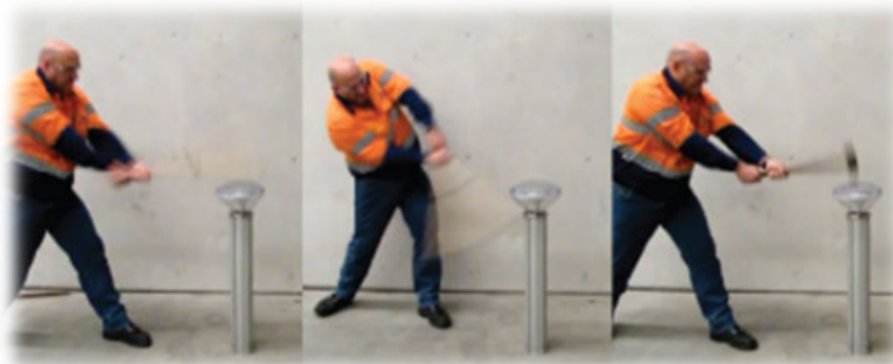
AS SEEN ON OUR WEBSITE

www.solarbollardlighting.com

and

You 

<https://youtu.be/q3QkwOGrSKU>



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