

NOX70-100

700-1000W LED Floodlight

The NOX 700-1000W floodlight is our latest development of this iconic LED floodlight range. Featuring an unique offset bracket that makes for ease of installation, super slim body. NOX V4 is the brightest choice by far. Supported by a generous 7 Year Warranty with an M-World 3 Year OSW.

APPLICATIONS

Commercial applications:

- General area lighting (up to 37m @ 31m installation height)
- Sportsfield lighting



IP65



IK10



DIMMABLE



BEAM



WARRANTY



FEATURES

- Aluminum die-cast AkzoNobel performance coated body
- 180° adjustable bracket
- Fully gasketed lens and driver plate cover to protect against the elements
- Power consumption: 700/800/900/1000W
- White and warm white options available
- 1-10V dimming capability
- IP65 and IK10 rated
- 165° adjustable spigot bracket accessory available

COMPLIANCE

SAA, IP65, IK10, C-TICK

TECHNICAL INFORMATION

| | ML-NOX70-1000-V4-WW | ML-NOX70-1000-V4-W |
|------------------|--|--------------------|
| Total Power: | MAX 1000W (POWER SELECTABLE 700W/800W/900W/1000W)* | |
| Lumen Output: | 143466 lm | 146172 lm |
| Colour Temp: | 3000K | 5700K |
| IP Rating: | IP65 | |
| Efficacy: | 149 lm/W | 151 lm/W |
| CRI: | >70 | |
| Frequency | 50/60Hz | |
| Beam Angle: | 60° | |
| Temp Range: | -20° to +40° | |
| Dimmable: | Yes 1-10V | |
| Power Supply: | 120 - 277V AC Towin dimmable driver | |
| Average Life: | 50,000 hrs** | |
| Inrush Current : | 85A | |
| Current Draw : | 700W= 2 . 9A/ 800W= 3 . 35A/ 900W= 3 . 75A/ 1000W=4 . 15A | |
| Power Factor : | >0 . 9 | |
| IK Rating | IK10 | |
| LM Rating | L70 - LM80 | |
| Dimensions: | 645x166x800mm | |
| Weight: | 30.7kg | |
| Warranty: | 7 Years | |
| Construction: | ADC12 Aluminium heat sink with Akzonobel power coating & PC lens | |

*Total power consumed including driver

** Average life is calculated on expected average lifespan

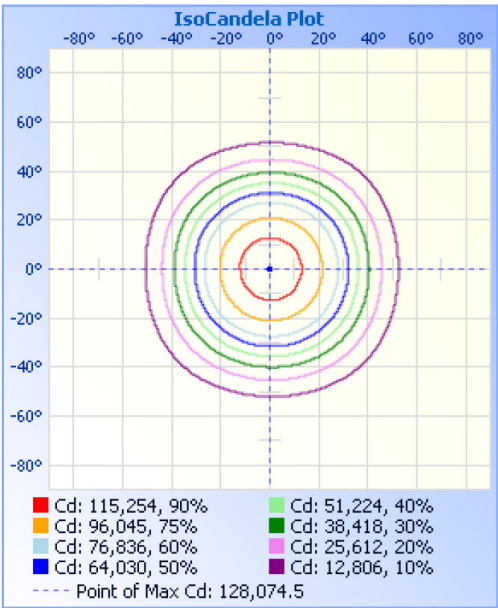
T. 1300 222 445 | www.melec.com.au

Data subject to change at any time

For further information about our Warranties please go to:
melec.com.au/legal/warranties

CANDELA DIAGRAM & ISOLUX PLOT

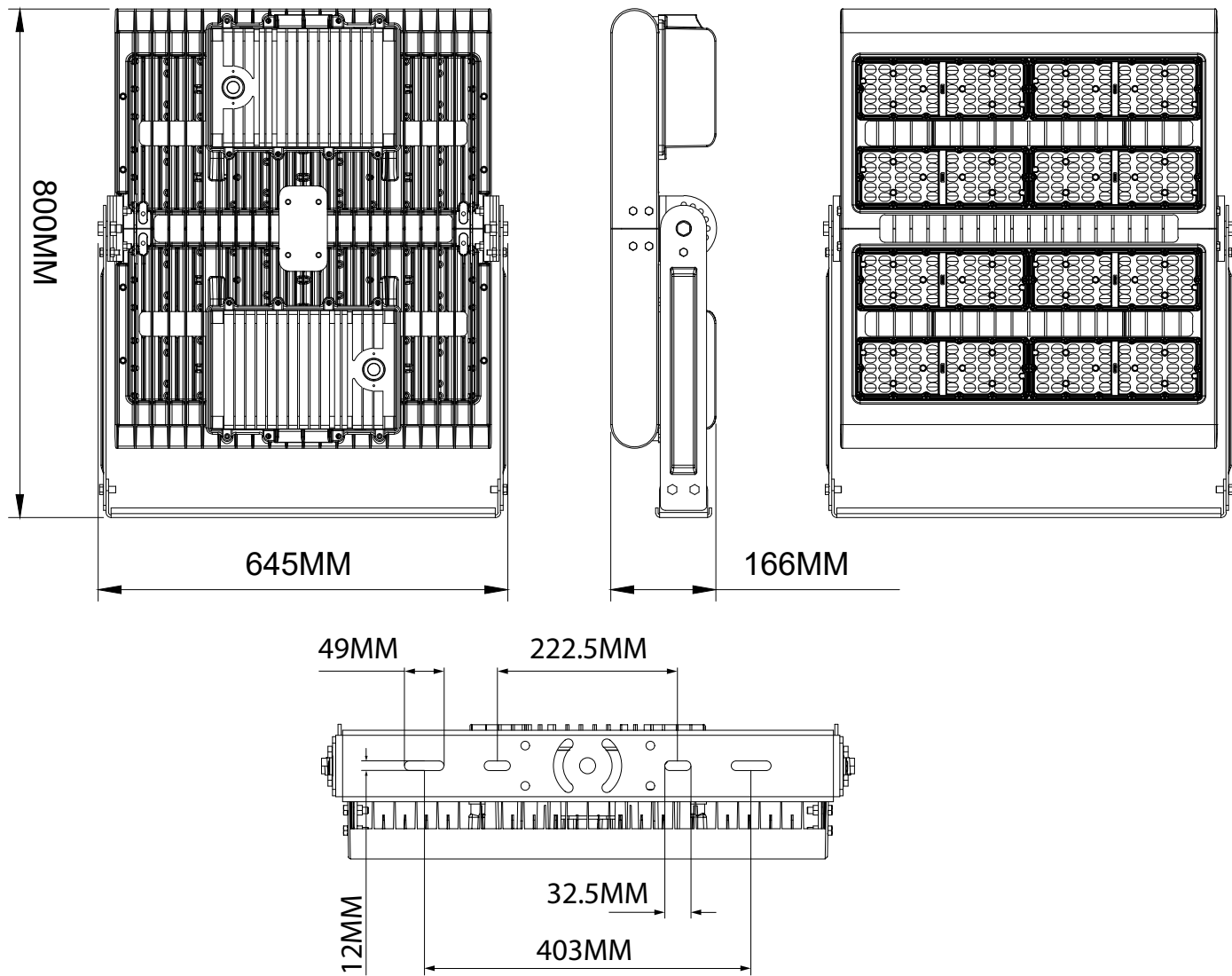
ML-NOX15-30-V4-W/WW



| Illuminance at a Distance | | | |
|---------------------------|----------------|------------|----------|
| | Center Beam Fc | Beam Width | |
| 17.0ft | 443 fc | 20.7 ft | 20.8 ft |
| 34.0ft | 111 fc | 41.4 ft | 41.5 ft |
| 51.0ft | 49.2 fc | 62.1 ft | 62.3 ft |
| 68.0ft | 27.7 fc | 82.8 ft | 83.0 ft |
| 85.0ft | 17.7 fc | 103.5 ft | 103.8 ft |
| 102.0ft | 12.3 fc | 124.2 ft | 124.5 ft |

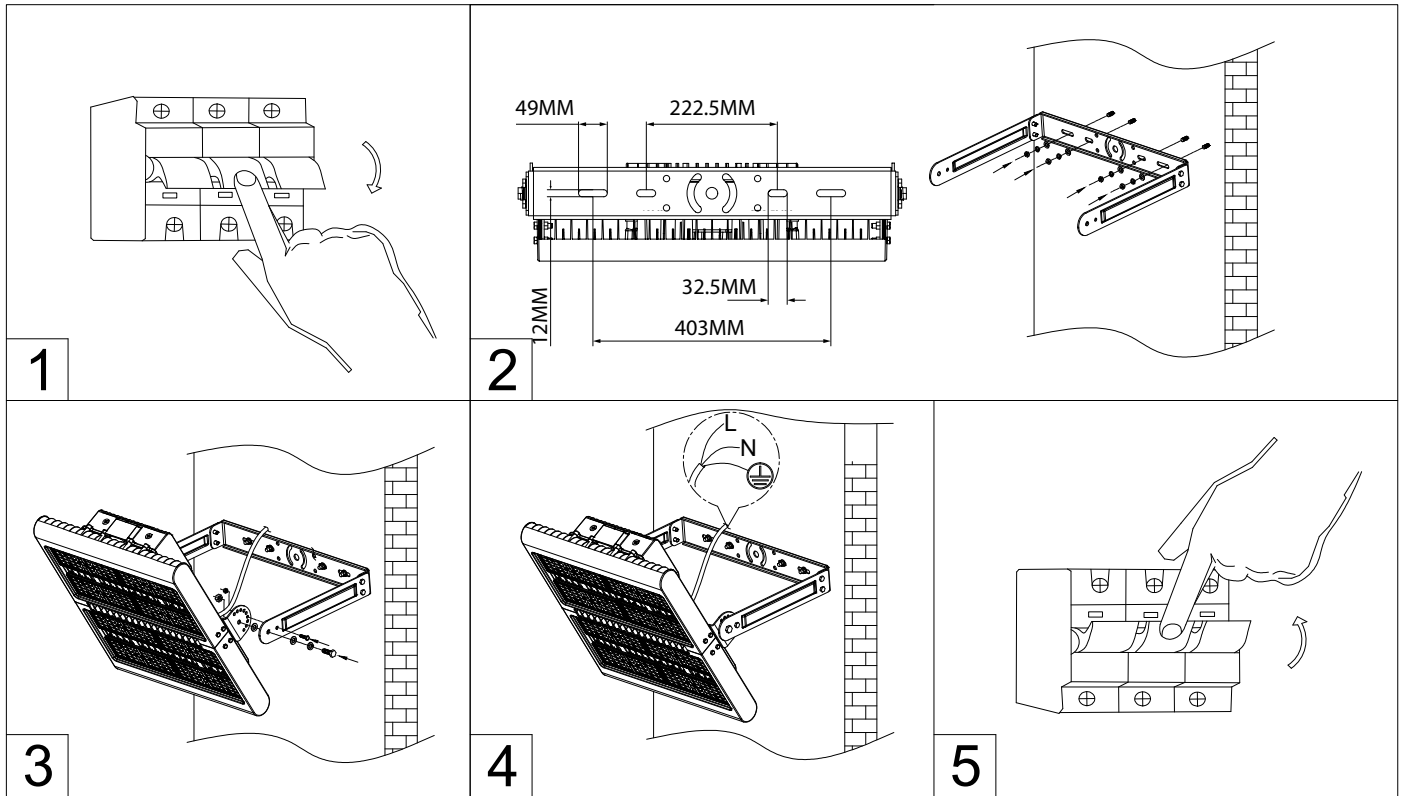
■ Vert. Spread: 62.7°
■ Horiz. Spread: 62.8°

PRODUCT DIMENSIONS

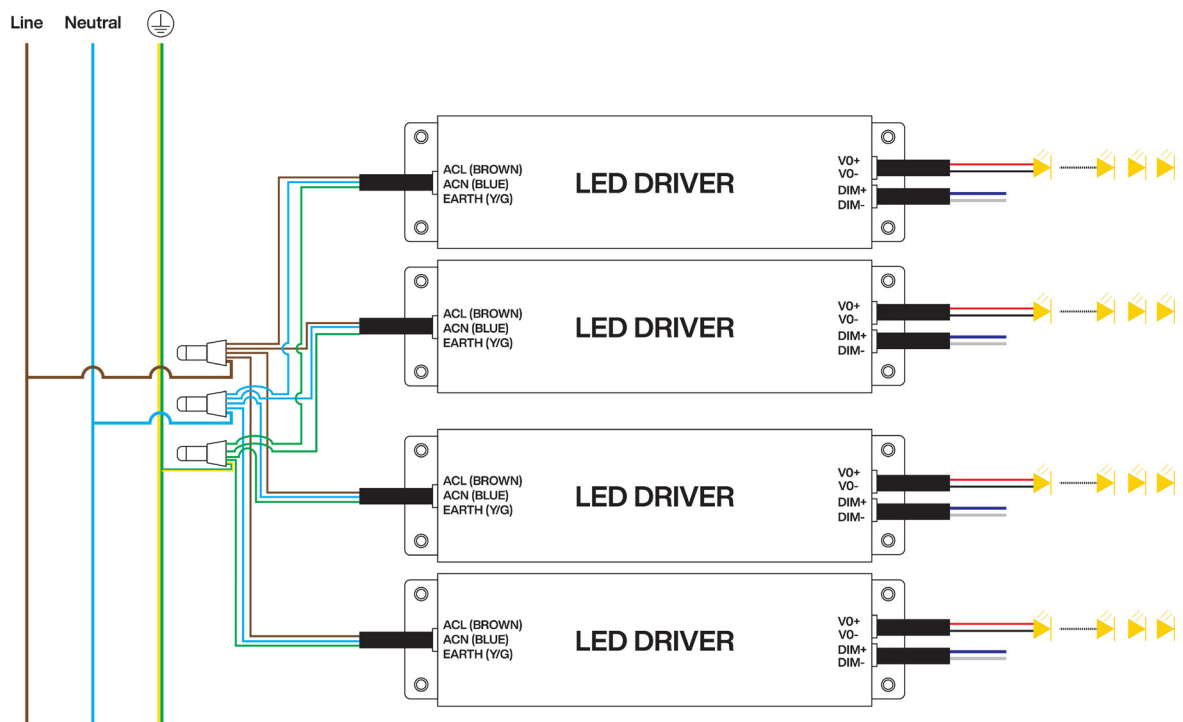


INSTALLATION GUIDE

1. Switch mains power off to the fitting.
2. Remove the bracket from the fitting ensuring to retain all screws.
3. install accordingly using correct equipment and components (e.g.. Expansion bolts for masonry)
4. Install the fitting back onto the bracket with the original screws and components
5. Connect wires accordingly and ensure that the connections are contained in a suitable enclosure.
6. Provide power to the fitting and test accordingly.



WIRING DIAGRAM



NOX4 Floodlight

Bracket Guide

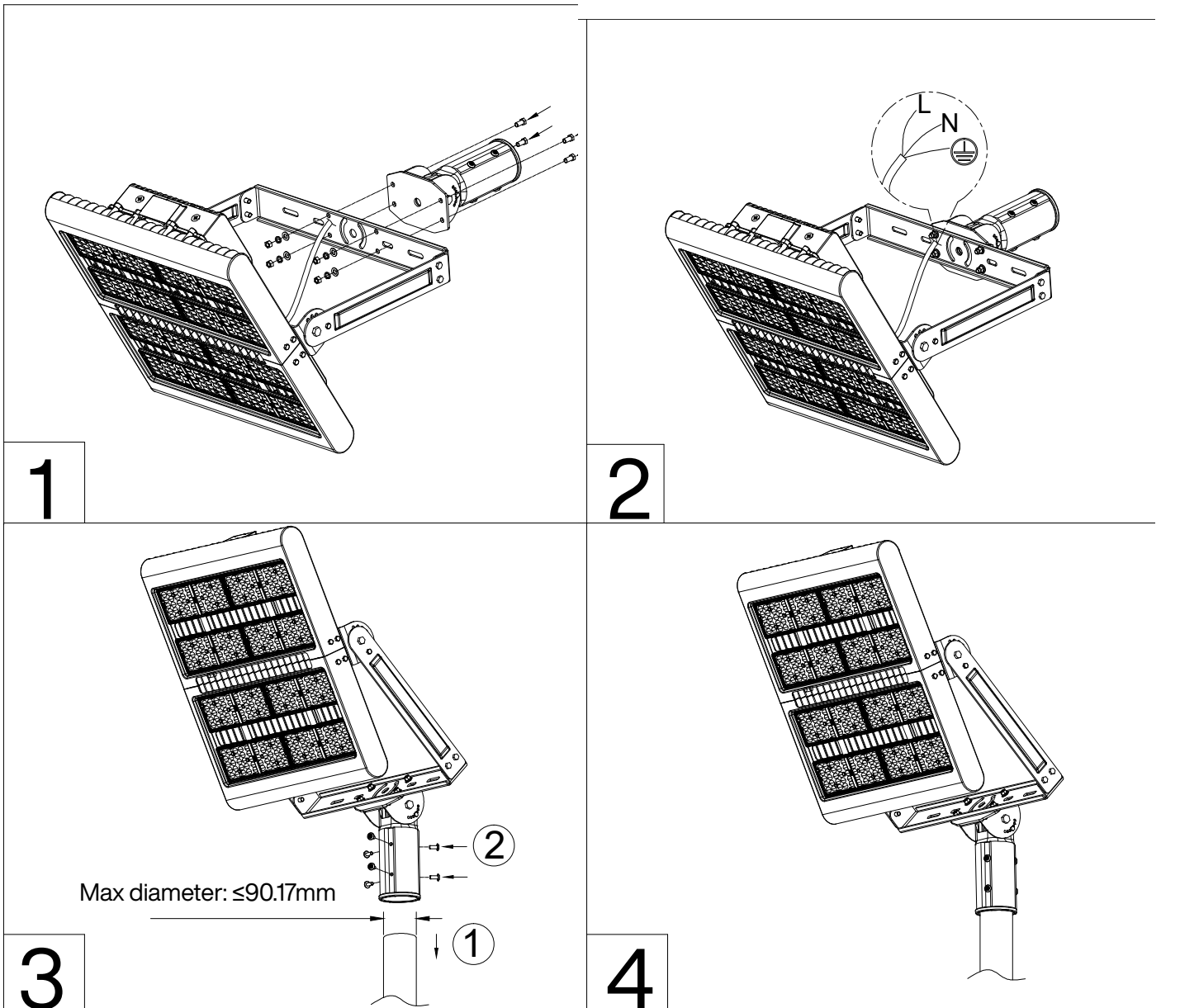
NOX70-100 SPIGOT BRACKET

Compatible with:

- NOX70-100



FLAT SURFACE BRACKET INSTALLATION - ML-NOXV4BKT



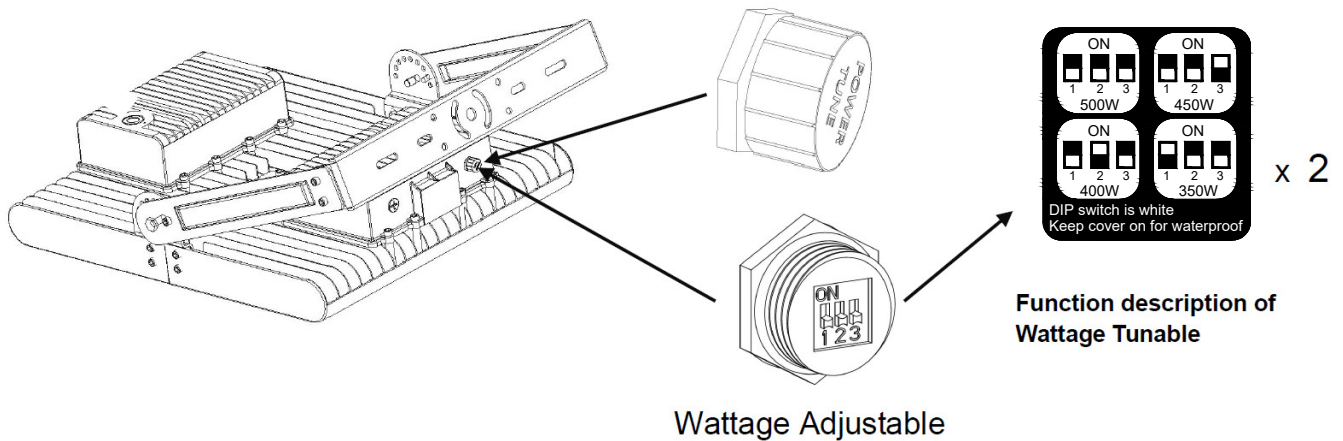
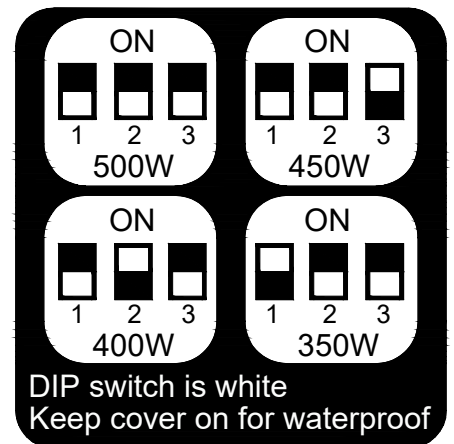
POWER SELECTION

To select the power wattage ensure power is off prior to adjusting.

1. Unscrew the power selector cap before using the selectable power function.
2. Select the wattage by toggling the DIP switch 1, 2, 3 to select the corresponding power.
3. Screw the cap on after selection.
4. Repeat steps 1 - 3 for the second DIP switch.

NOTE: ENSURE THAT BOTH DIP SWITCHES ARE SET TO THE SAME REQUIRED WATTAGE FOR ACCURATE POWER OUTPUT AND LUX LEVELS.

NOX70-100



PLEASE NOTE

- Read instructions carefully before attempting to install the fitting. Retain this guide for future reference
- Disconnect power before installing or servicing
- This fitting is for outdoor use and should not be used in areas with limited ventilation or high ambient temperatures
- Do not extend low voltage cables from the output of power supply
- All components must not be mechanically stressed
- Be careful not to damage or destroy conductive paths on the circuit board
- Follow all relevant electrical and safety standards (including AS3000)
- Correct electrical polarity must be observed as the wrong polarity may destroy the product and is not covered under warranty
- Damage by corrosion will not be honoured as a material defect claim. It is the user's responsibility to provide suitable protection against corrosive agents such as moisture, condensation and other harmful elements
- If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or their service agent or a similar qualified person to avoid a hazard.
- The light source contained in this luminaire shall only be replaced by the manufacturer or their service agent or a similar qualified person.