SIRI BLVD 1.0

38W, INTEGRAL 120VAC

installation instructions

INSTRUCTIONS PERTAINING TO RISK OF FIRE OR INJURY TO PERSONS. READ ALL INSTRUCTIONS. IMPORTANT SAFETY INSTRUCTIONS. SAVE THESE INSTRUCTIONS.

DANGER - RISK OF SHOCK - DISCONNECT POWER BEFORE INSTALLATION! Please read all instructions before installation.

- Keep these instructions for future reference.
- Must be installed by a qualified electrician in accordance with national and local standards. Designplan is not responsible for fixtures installed without regard to these standards.
- Unauthorized alterations or tampering of product voids warranty.
- The main power connection must be in accordance with local electrical codes.
- Suitable for OUTDOOR applications.

Intertek **IP66 IK06**

ATTENTION: **For Wall/Ceiling** - It is the contractor's responsibility to caulk around all the edges between the fixture and the mounting surface to satisfy wet label requirements.
For In-Grade - It is the contractor's responsibility to seal the conduit with "Great Stuff" aerosol seal that prevents water and moisture penetration for ultimate protection.
Contractor **MUST** use gel-filled wire nuts.

Maintenance

Scheduled maintenance must be carried out once a year on all lighting devices, regardless of appliance class and type of use. It must include the following operations:

- Periodically clean fixtures to remove dirt from gratings and screw heads.
- Check tightness of screws on various parts of the device.
- Check that all cable glands and cables are intact and tight. Check that the glass or plastic lens is intact, and replace it if broken or damaged.
- The internal components such as the ballast, driver, washers and screws must not show clear signs of oxidation or rust. Clear traces of rust and oxidation will indicate the presence of water inside the device.
- In the case of damage, the components must be replaced by original components or spare parts.

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1

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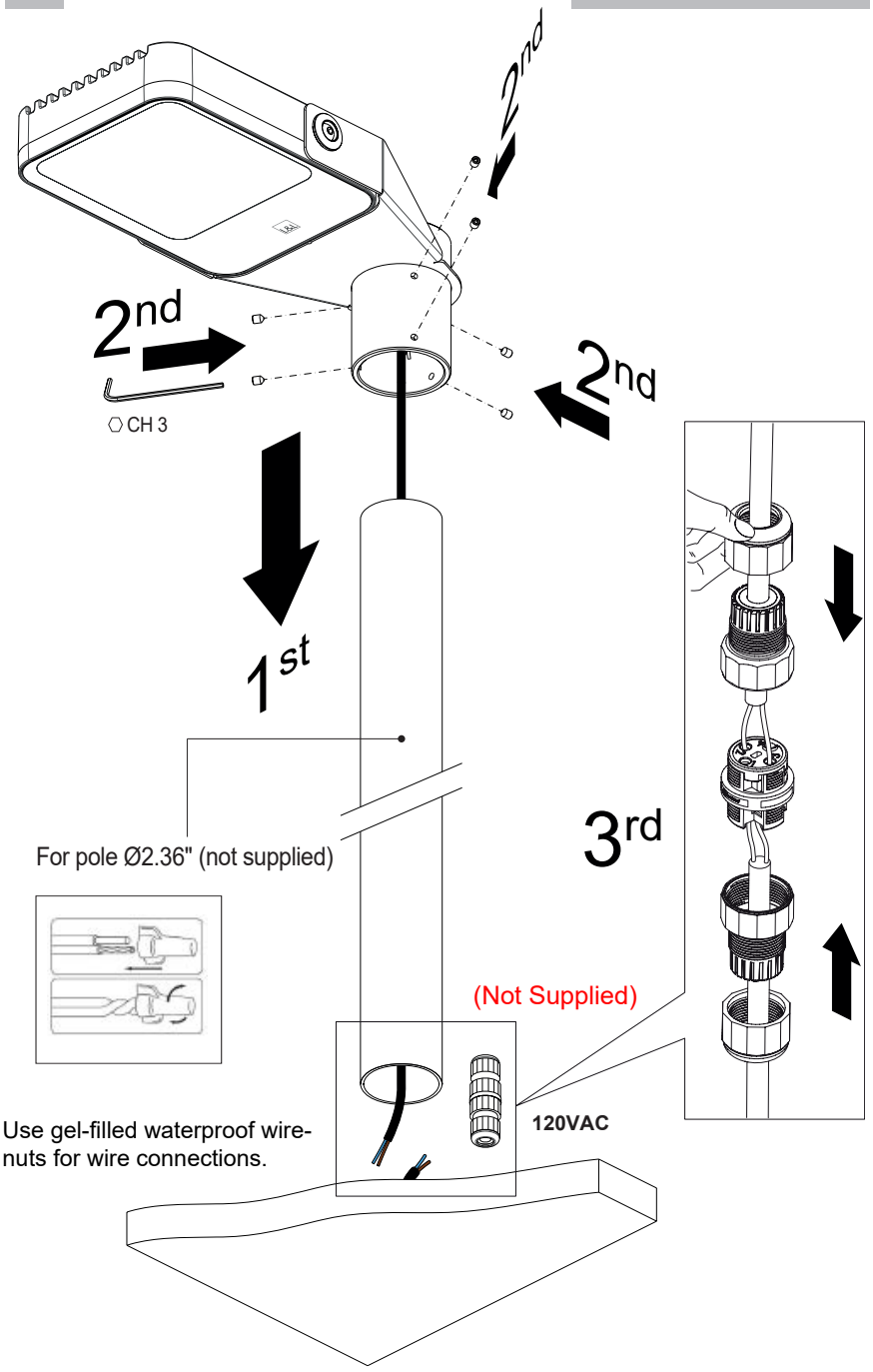
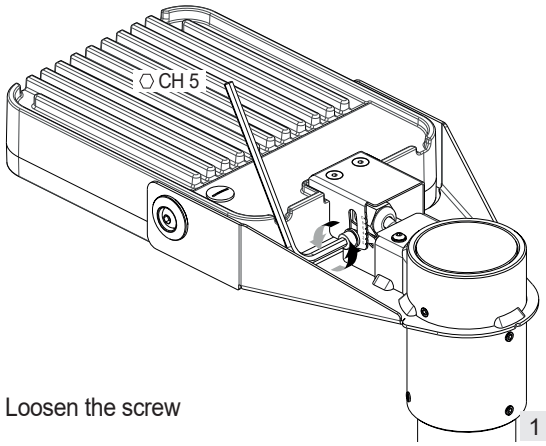
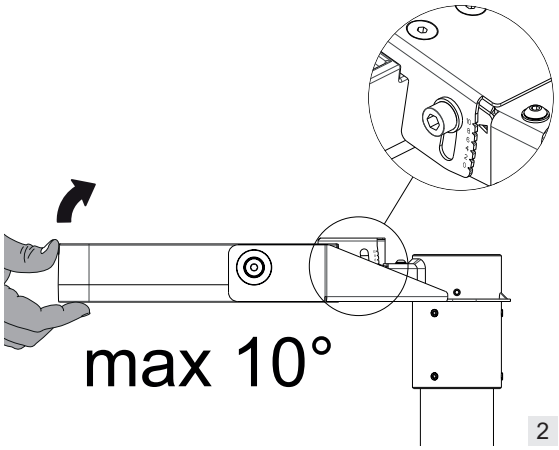


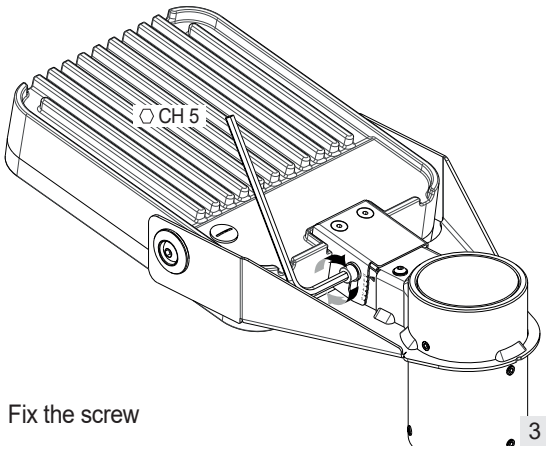
Tilt adjustment



Loosen the screw 1



2



Fix the screw 3

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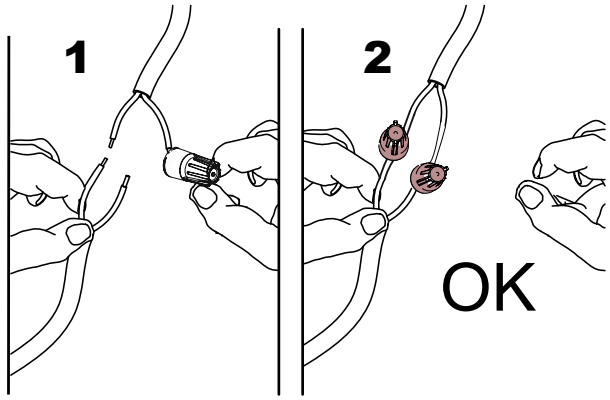
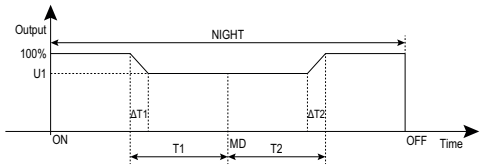


- It is the contractor's responsibility to caulk around the edges between the fixture and the mounting surface, to satisfy wet label requirements.

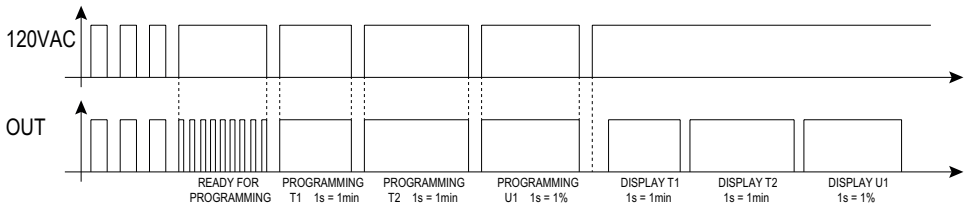
"VIRTUAL MIDNIGHT" FUNCTION
The card controls a power supply unit with 1–10V input for regulating a power supply unit. It records the operating time of the previous nights and uses this to create the rules that will be used on the current night, in accordance with the graph below:



Definition of the terms used:
ON indicates the moment the card is powered.
L1 = duration of the previous night.
L2 = duration of the night prior to that.
L3 = duration of the night three nights earlier.
L4 = duration of the night four nights earlier.
The nights are memorised only if their duration is greater than 3 hours and less than 18 hours.
MD is the length of half the virtual night, and is calculated based on the following rules:
– if there are no valid nights recorded in the memory, MD time = infinite
– if there is only 1 valid night (L1) recorded in the memory, MD time = L1/2
– if there are 2 valid nights (L1 and L2) recorded in the memory, MD time = (3xL1+L2)/8
– if there are 3 valid nights (L1, L2 and L3) recorded in the memory, MD time = (2xL1+L2+L3)/8
– if there are 4 valid nights (L1, L2, L3 and L4) recorded in the memory, MD time = (L1+L2+L3+L4)/8

T1: output variation time from 100% to U1 value, default = 0 h.
T2: output variation time from U1 value to 100%, default = 9 h.
ΔT1 and ΔT2: transition time = 10 min.
U1: output status during the middle of the night (from T1 to T2), default = 30%.

Programming:
Default T1 time=0 hours, T2=9 hours and U1=30%. It is possible to reprogram these values using the appropriate sequence of ON/OFF of 230Vac mains power. T1 and T2 will have a duration in minutes equal to the duration in seconds of programming, while U1 will have a percentage value equal to the duration in seconds of programming.



To access the programming, perform the sequence:
ON-OFF-ON-OFF-ON-OFF-ON with an 'ON' state no greater than 5 seconds, after which the output will start to flash to indicate ready-to-program status; perform a new OFF-ON to start setting the T1 value: every second in ON corresponds to a minute in T1 state; once the desired value has been reached, perform an OFF-ON again and start setting the T2 values, bearing in mind again that every second passed will correspond to 1 minute; once the desired value has been reached, perform an OFF-ON again and start setting the U1 value: in this case every second in ON corresponds to 1%; once the desired value has been reached, perform an OFF-ON again. At this point, the output will reproduce the parameters that have just been set: it will activate for the T1 time that has just been set, at the end of which it will switch off then come back on for the T2 that has just been set. Ditto for the U1 value; after which the data will be saved.
If the user does not perform any operation during the phase "ready for programming", the card will leave the programming mode; if the user switches off and back on while the program is being displayed, the card will leave the programming mode and the data will not be saved.
The maximum value that can be recorded for T1 and T2 is 540 seconds (equal to 540 minutes), while the maximum value for U1 is 80 seconds (equal to 80%).

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