

PROLITE LUMINAIRES - OPERATING INSTRUCTIONS
LUMINAIRES FITTED WITH WEATHER-HOODS

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1. OPERATING LIMITATIONS

- 1.1. PROLITE Weather-proof Luminaires are suitable for use in outdoor positions that are exposed to driving rain but **they should not be exposed to upward jets of water or heavy spray from below.**
- 1.2. Operating positions are limited to approx. any angle between 15deg upwards from the horizontal and 45deg downwards from the horizontal.
- 1.3. **All types of units must be installed so that the Weather-hood is positioned on the top side of the fitting – no other positioning is suitable.**

2. FRESNELS

- 2.1. These units have a **single piece Weather-hood**
- 2.2. To access the Gel Frame it is necessary to loosen the 2 retaining Nuts at the rear of the Hood so that the cover can be lifted upwards at the front. At all times the cover should be positioned so that it extends approx. 30mm beyond the rear of the Luminaire.
- 2.3. **After any maintenance or Gel changes it is essential that the Hood be pressed fully down at the front and that the Hood retaining nuts be securely tightened so that the Hood cannot be lifted by any wind (do not over-tighten).**

3. PROFILES

- 3.1. **These units have a 2 piece Weather-hood & the positioning/installation information below is important**
- 3.2. To access the Gel Frame and Shutter Assembly it is necessary to loosen all 4 retaining Nuts on the Front Cover together with the **2 front nuts only on the Rear Cover**, after which the Front Cover can be slid either forward or backward as required and then removed.
- 3.3. **The front cover should be positioned so that it is under the rear cover for any position where the luminaire is horizontal to 45deg nose-down.**
- 3.4. **The front cover should be positioned so that it is over the rear cover for any position where it is nose-up to a maximum of 15deg.**
- 3.5. At all times the front cover should be positioned so that it extends approx. 30mm beyond the front of the Luminaire.
- 3.6. At all times the rear cover should be positioned so that it extends approx. 30mm beyond the rear of the Luminaire
- 3.7. **Supplementary bracketing should be installed on Profiles to ensure that there is no movement of the Luminaire after installation. Such bracketing should preferably be attached to the unit via one of the rear Lamphouse Weather hood attachment screws so that the front hood can still be moved when required.**
- 3.8. **After any maintenance or Gel changes it is essential that both covers be securely tightened (do not over-tighten).**

4. SAFETY

- 4.1. **Safety Cables are not supplied with Weather-proof Profiles and it is the responsibility of the Installer to ensure that appropriate steps are taken to secure the Luminaire in all circumstances. The Supplementary mounting referred to in para 3.7 may be sufficient depending on the manner of fixing.**
- 4.2. **Safety Cables are supplied with Fresnels, however, depending on the installation they may not be suitable and it is the responsibility of the Installer to ensure that appropriate steps are taken to secure the Luminaire in all circumstances**

5. YOKE ATTACHMENT

- 5.1. Some Luminaires may be shipped with the Yoke removed from the Luminaire, in which case it will be necessary re-attach this part prior to installation.
- 5.2. **All the necessary components will be installed on the Luminaire in the exact order in which they should be used, including an 8mm Flat washer on each side. The yoke should be installed so that it is between the 8mm Washer and the next component already installed on the unit i.e. the Washer should be on the outside of the Yoke.**
- 5.3. **In case of difficulty please call PROLITE for assistance.**

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