

# Additional Manual

Regarding the installation and maintenance of the explosion-safe signal towers, type series

## LR4-\* & LR6-\*

1. The LED Signal towers are created by conversion to explosion-safe of the Patlite LR4 and LR6 signal towers.
2. The signal tower may only be used for its purpose as given by the manufacturer. All instructions mentioned in the Patlite User's Manual must be followed strictly.
3. The electrical connections of the explosion-safe LR4 and LR6 signal towers are identical to the original Patlite product.
4. The ambient temperature allowed for the signal towers is -20 °C to +50 °C.
5. To avoid electrostatic charge and discharge, clean with a damp cloth only. Do not use solvents.
6. The power cables must be installed in such a way that no mechanical and chemical damage and no excessive pulling forces at the cable or connector may be expected.
7. Apply a protective fuse of a suitable rating in the power circuit.
8. Explosion safety of the product is amongst others based upon the IP65 ingress protection level. Make sure the cable gland as mounted to the signal tower is in good condition and is tightened.
9. Use the right kind of junction box according the scheme below.

