



... for explosion hazard environment group II, category 3 (zone 2, 22).

## USE

The light fitting is suitable for the environment with a danger of explosion of gases, dust and combustible fumes. The light fittings meet the requirements of Government Decree 116/2016 Coll. and European Community Directive No.2014/34/EU.

The light fitting is certified for the environment:  
 Ex II 3G Ex nA IIC T6 Gc  
 Ex II 3D Ex tc IIIC T85°C Dc

The basic requirements for safety and health protection are secured by the verification of conformity with the standards according to ČSN EN 60079-15, ČSN EN 60079-0 and ČSN EN 60079-31.

The light fitting is resistant to dust, moisture and spouting water. The body and the diffuser made of polycarbonate (PC) have the increased resistance against deformation and impact.

(It is necessary to consider exhalation in the air reducing the usability of the plastic at installations in an aggressive environment

## ADVANTAGES

- Light fitting protection **IP65**
- Maximum ambient temperature up to **t<sub>a</sub> = 40°C**
- Lifetime: 50,000 hours / L80B20
- Diffuser: translucent polycarbonate (PC) = high mechanical resistance
- Body: grey polycarbonate (PC) = high mechanical resistance
- Up to 45 % lower electricity consumption when compared to tubes T5
- Constant luminous flux even in ambient temperature of -20 °C
- Standard model - CRI > 80: 4000 K
- At request CRI > 80: 3000 K, 5000 K
- Clips: stainless steel + polyamide + 15 % glass fibre
- Through-wiring of up to 10 wires at body

