

TEXAS PORTABLE LIGHTING






A Product of Texas Pneumatic Tools, Inc.

LED Low Voltage Explosion Proof Rope Lights

TPL-EXRL-50-50

TPL-EXRL-100-50



-  I M2 EX mb op is I Mb
-  II 2G Ex mb op is IIC T6 Gb
-  II 2D Ex mb op is IIIC T80°C Db
-  II 2G Ex mb op is IIC T4 Gb
-  II 2D Ex mb op is IIIC T8135°C Db

Technical Detail:

- Temp. Classification (Gases / Dust): T6 /T4°F (185°F / 85°C) (275°F / 135°C)
- Ambient Temperature: -4° to 104°F / -20°C to 40°C
- Light Source Power: 6w LED / meter (90w-50' / 180w-100')
- Output: 6,000 Lumens / 12,000 Lumens
- Input Voltage: 120v AC (Input) 24v AC / Line
- IP Protection: IP66
- Product Net Weight: 16 lbs / 26 lbs. (7.25 kg / 11.79 kg)

These rope lights comply with ATEX Directive 2014/34/EU and, IEC Ex international regulation. They are certified to use in potentially explosive gas, vapor, mist and dust environments for Groups 1 and 2. Group 1 is equipment intended for underground mines and surface installations around the mines. Group 2 is places other than mines such as oil and gas facilities that are liable to be endangered by explosive atmospheres. The LED lights are protected by encapsulation which provides a high level of protection and makes it unlikely to become an ignition source in normal operation or during malfunctions of operations.

The rope light assembly consists of an explosion proof plug and 50 feet of SOOW 14/3 cord leading to an explosion proof junction box. Encased within the junction box is a 120 volt AC to 24 volt AC transformer. There is 25 feet of SOOW 14/3 cord between the junction box and the encapsulated LED Rope Light.

The rope lights can be hung using hooks or zip ties at 5 foot intervals. The rope lights have a 360 degree illumination and a color rating of 6,500k for a bright white appearance.