

The explosion-proof TorchLED Ex torch

Tested safety for hazardous areas

Customer/installation engineer:	German Federal Office for Armament «armasuisse»
Requirement:	Small and compact Ex lamp, which is suitable for various applications
Solution:	TorchLED Ex – the new product of the TorchLED family
Article:	178065 (860454)
Quantity:	approx. 3'000
Equipment:	1 × LED white Spot, 1 × LED white Wide
Areas of application:	army, fire brigade, civil protection, chemical industry and trade - wherever highly flammable and easily combustible substances are stored or highly flammable gases may occur

Starting situation

The Swiss Army already has torches and battery-operated hand lamps of the TorchLED family. As a supplement to the existing range, a separate lamp was developed for the Ex area. In particular, the aim was to ensure that the external shape corresponded to that of a comparable battery-operated and rechargeable hand lamp. A complete product family that covers all requirements!

Customer benefits

- small, easy-to-handle, robust and durable
- with a lot of accessories and spare parts ex stock
- simple charging station 230VAC or 12-48VDC for installation in vehicles (charging must take place outside the ex-zones.)
- various light functions possible – switchable battery or emergency light operation up to 7 hrs
- simple handling and operation
- tested and certified for the zones Ex 1, 21, 2 and 22



V0819