

Wolf® TR-24B T4 Series Safety Torches (2 Batteries-Right Angle)

Article Number: 08010200

Certification & Compliance:

- Suitable for use in Zones 1 & 2, Zones 21 & 22 (dust)
- Dust Group IIIA,IIIB,IIIC
- Gas Groups IIA, IIB
- Temperature Class: T4
- Complies with EN IEC 60079-0, EN 60079-7, EN 60079-11, EN 60079-31 standards
- EX II 2GD Ex eb ib IIB T4 Gb
Ex tb IIIC T95°C Db (-20°C ≤ Ta ≤ +40/55°C)



Technical Specifications:

- **Light Source:** Xenon Filled Filament, 16 lm (at nom voltage)
- **Light Source Output (Lumens):** 16 lm (at nom voltage)
- **Brightness Duration:** Up to 12 hrs
- **Body Material/Lens:** Impact Resistant Thermoplastic, Electrostatic non-hazardous/ Toughened Glass lens
- **Power Source:** Operates with 2 x 1.5v-2 x H-20 (LR20)-R20/LR20 Primary Cells to IEC60086, providing illumination up to 12 hours.
- **Ingress Protection:** IP67
- **Weight (excl./inc. cells):** Approximately 190 / 490 grams.

Standards



Ex-Proof (ATEX)



IECEX



CE 0598



LR Certificate

TECHNICAL DETAILS

ATEX TORCHES

PRODUCT REFERENCE	TS-26B	TR-26B	TS-24B	TR-24B
PRODUCT DESCRIPTION	Safety Torch, Primary Cell Powered, Straight or Right-Angle			
	Straight	Right-Angle	Straight	Right-Angle
CODE	II 2GD Ex eb ib IIB T6 Gb Ex tb IIIC T65°C Db (-10°C ≤ Ta ≤ +40°C)	II 2GD Ex eb ib IIB T6 Gb Ex tb IIIC T65°C Db (-20°C ≤ Ta ≤ +40°C)	II 2GD Ex eb ib IIB T4 Gb Ex tb IIIC T95°C Db (-10°C ≤ Ta ≤ +40/55°C)	II 2GD Ex eb ib IIB T4 Gb Ex tb IIIC T95°C Db (-20°C ≤ Ta ≤ +40/55°C)
TYPE OF PROTECTION	Increased safety, intrinsic safety			
AREA OF CLASS(GAS)	Zones 1 & 2 Gas Groups IIA, IIB			
MAX.SURFACE TEMPERATURE(GAS)	T6		T4	
AMBIENT TEMPERATURE (GAS)	-10°C to +40°C	-20°C to +40°C	-10°C to +40°C/+55°C*	-20°C to +40°C/+55°C*
AREA OF CLASS (DUST)	Zones 21 and 22 Dust Groups IIIA, IIIB, IIIC			
TEMPERATURE CLASS(DUST)	65°C		95°C	
CERTIFICATE	BAS02ATEX2220X / IECEx BAS 15.0033X			

ENCLOSURE		Impact Resistant Thermoplastic, Electrostatic non-hazardous			
LENS		Polycarbonate	Toughened Glass	Polycarbonate	Toughened Glass
BEAM TYPE		Medium Spot			
LIGHT SOURCE	PART NO.	TP-406		TP-404	
	BULB TYPE	Vacuum Filament		Xenon Filled Filament	
	RATING	2.4V, 0.5A		2.4V, 0.7A	
	OUTPUT	11.4 lm (at nom voltage)		16 lm (at nom voltage)	
	LIFE	15 hrs		50 hrs	
	SPARE	TP-406		TP-404	
POWER SOURCE	PART NO.	2 x T-20 (R20)		2 x H-20 (LR20)	
	TYPE	R20 Primary Cells to IEC60086		R20/LR20 Primary Cells to IEC60086	
	VOLTS	2 x 1.5v		2 x 1.5v	
LIGHT DURATION		Up to 5 hrs		Up to 12 hrs	
INGRESS PROTECTION		IP67			
WEIGHT(EXCL.CELLS)		150g	190g	150g	190g
WEIGHT(INC.CELLS)		350g	390g	450g	490g