

# MIDI TORCH

M-85 ZONES

0 1 2 21 22



WITHOUT COMPROMISE

## PRODUCT INFORMATION

The Midi Torch is a compact high power LED pocket torch delivering excellent illumination, robustness and reliability in the most extreme conditions and is CE marked to the ATEX directive and IECEx certified for safe use in Zones 0, 1, and 2 potentially explosive gas and Zones 21 and 22 dust atmospheres.



### LIGHT OUTPUT/DURATION/POWER

- Fitted for life LED light sources with 25,000+ hrs life
- Up to 210 lm (at source)
- Up to 7 hours battery duration

### CERTIFICATION

- ATEX & IECEx Directive explosive gas, vapour, mist and dust certified for zones 0, 1, 2, 21 and 22
- T3/T4 temperature class
- 200°C maximum surface temperature
- IP67 ingress protection
- IIC Gas and IIIB Dust Approval
- Group I M1 Mining Approval

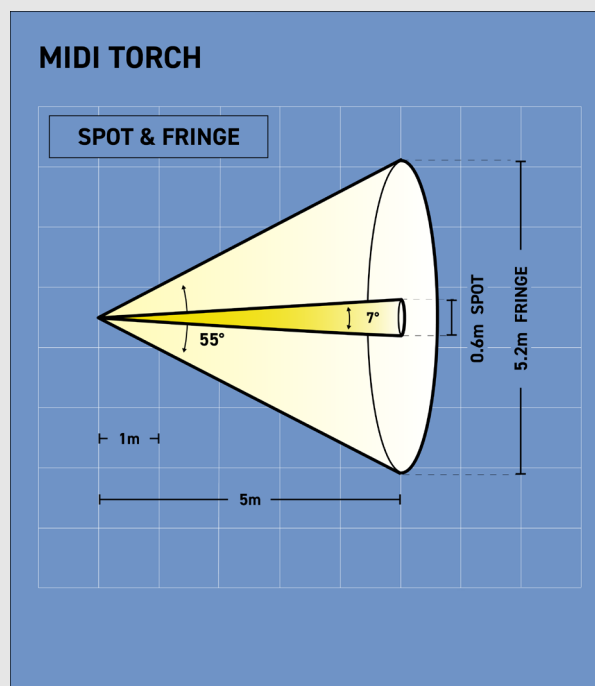
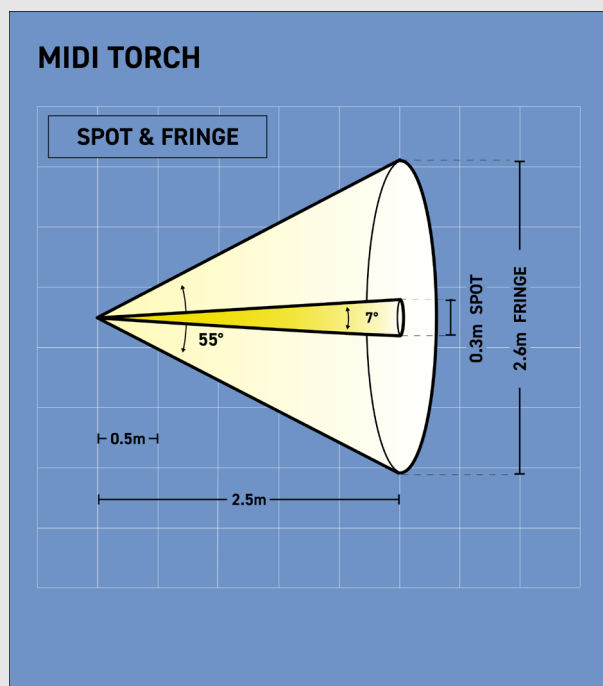
### FEATURES

- Anti-roll foot allowing it to be placed securely on base or side
- Powered by 4 x AA cells
- Supplied with cells compliant with T4 certification
- Easy to store in pockets
- Lightweight, ergonomic design
- Proven impact resistance
- Single handed switching
- Protective switch shroud for added durability
- Supplied with wrist strap\* (must not be attached or used in Zone 0 areas or applications)



# TECHNICAL INFORMATION

## LIGHT OUTPUT DIAGRAM

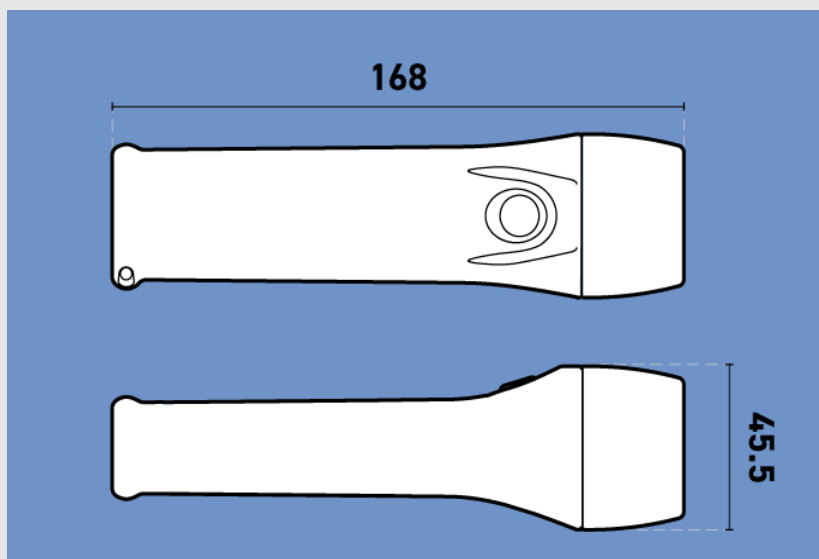


210 lumens LED **Spot Beam** (approx 7°) with a Wide Angle Fringe Beam (approx 55°)  
Peak luminous intensity at 1m **6500 lux**, at 2.5 m **1233 lux**

## PRODUCT DIMENSIONS

### M-85 MIDI TORCH

MEASUREMENT MM



## MIDI TORCH

PRODUCT REFERENCE		M-85
PRODUCT DESCRIPTION		Primary Cell ATEX Midi Safety Torch with LED
CODE	ATEX	II 1G Ex ia IIC T3/T4 Ga IP67 II 2D Ex ib IIIB T200°C Db
	MINING	I M1 Ex ia I Ma IP67
TYPE OF PROTECTION		'ia' Intrinsic Safety
AREA OF CLASSIFICATION (GAS)		Zones 0, 1 & 2, Gas group IIC
TEMPERATURE CLASS (GAS)		T3 / T4
AREA OF CLASSIFICATION (DUST)		21 and 22, Dust Groups IIIB
MAX. SURFACE TEMP. (DUST)		200°C
AMBIENT TEMPERATURE		-40°C to +40°C
CERTIFICATE	ATEX	Baseefa11ATEX0236X
	IECEX	IECEX BAS 11.0116X
ENCLOSURE / LENS		Impact Resistant Thermoplastic with a Polycarbonate Impact Resistant lens
BEAM TYPE		Narrow Spot with Wide Angle Fringe Light
LIGHT SOURCE	TYPE	High Power LED
	OUTPUT (AT SOURCE)	Up to 210lm
	LIFE	25,000+ hrs (Fitted for life)
POWER SOURCE	PART NO.	TP-295 (4 x LR6 Cells)
	TYPE	LR6 Primary Cells, to IEC 60086, Alkaline AA
	VOLTS	4 x 1.5V
LIGHT DURATION		Up to 7 hrs
INGRESS PROTECTION		IP67
WEIGHT (INC. CELLS)		0.190kg

All information has been gathered under laboratory conditions, the user must regard the values given as approximate. Changes may be made to the above specification without notification, details are available on request. E&OE.



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