

## WHAT ARE LED'S?

Light Emitting Diodes (= LED's) are cold light digital emitters based on a micro-chip moulded in to a plastic compound.

The small size and the extreme light efficiency allows for complete new designs, which where before never possible by conventional bulbs.

LED's have medium lifetimes of up to 100'000 hours. Typical bulbs used in major hand torches offer a lifetime of 20 to 100 hours only.

Power consumption of LED's is much lower then the one of bulbs. They do not produce as much heat and when the power source decreases in energy, they automatically decrease their power consumption.

## DEFINITION OF ICONS

Short description of the icons used in this brochure:



Lumen or mcd  
and Lux at 1 m



Net weight  
in grams



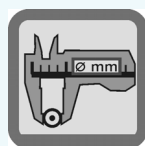
Battery lifetime  
(min/max)



Water-proof



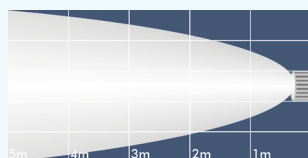
Splash-proof



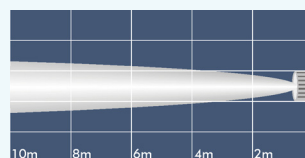
## DIODELYGTER

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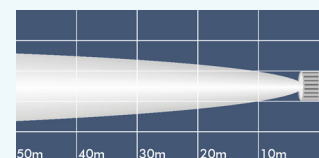
## TYPICAL BEAM TYPES



TYPE A  
FLOOD LIGHT



TYPE B  
COMPUTER REFLECTOR



TYPE C  
CENTERING COLLIMATOR