

NxT:

SOLAR POWERED ROAD WARNING LIGHT

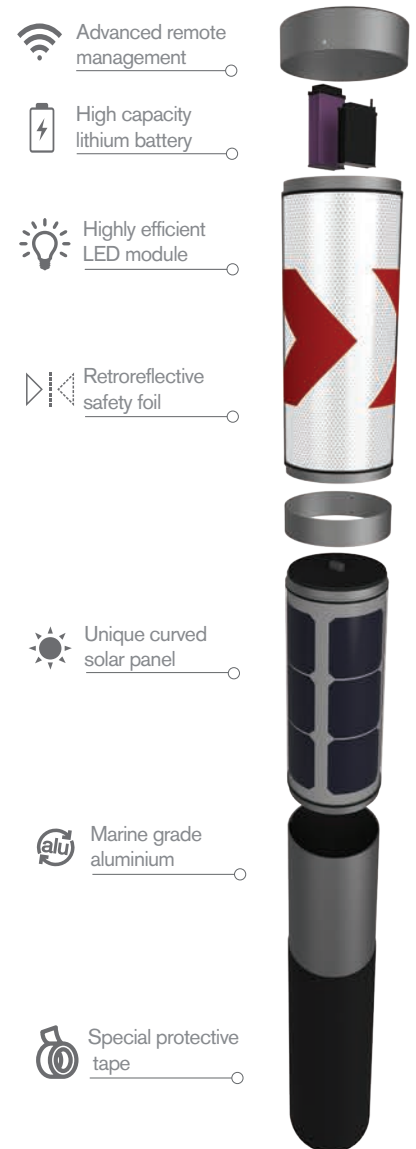


NxT: MILES AHEAD IN SOLAR POWERED SAFETY

The NxT is the latest innovation in solar powered road safety lighting. It can be installed everywhere, next to every highway or every inaccessible mountain path, since it does not require a power grid or electricity network. Through a combination of high quality retro-reflection and dynamic LED lighting the NxT will safely guide drivers along dangerous curves, road construction areas and other unexpected events. No matter how remote the location, the NxT makes driving at night safer.



Technical specifications	
Height	±1,5m above ground level, higher on request
Diameter	200mm
Light source	24W LED
Solar cell technology	Mono-crystalline silicon, >20% efficiency
Number of solar cells	12 cells
Nominal output power	36Wp
Battery technology	Lithium
Battery capacity	20-70Ah (up to 125 hours of operation at full intensity)
Wireless communication	Sigfox or GSM
Sunset & sunrise tracking	GPS
Pole material	EN AW 6060 T66 aluminium
Pole finish	Anodised or powder coated
Solar & light module exterior	Glass



Cost-efficient, reliable & smart

NxT road safety lighting is 100% solar powered. The solar energy generated is stored in high-capacity lithium batteries. This ensures the warning light will perform as desired, even during longer periods of unfor-giving weather. Installing the NxT only requires digging a hole and placing the light in it. It does not require a connection to an electrical grid. Monitoring and programming the light can be done remotely through a wireless (GSM or RF) interface.

Due to the unique and patented cylindrical solar panel the NxT solar road lighting system can be placed

anywhere, regardless of its orientation towards the sun. The vertical photovoltaic module ensures no dirt or snow can adhere to the surface. Due to its advanced on-board electronics the NxT continuously optimises its lighting scheme. It adapts automatically to local weather conditions and seasonal changes automatically. Multiple NxT's can be linked to form a light guidance system that dynamically shows drivers the direction of a turn. Road safety starts with NxT.

www.nxt.lighting

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