

SETO ROBOMAST 300 EM

Mobile lighting mast with high luminosity – even without mains connection

The **SETO ROBOMAST 300 EM** stands for powerful light output with maximum mobility. Equipped with an integrated rechargeable battery, the compact system provides bright, wide-area lighting for many hours – ideal for situations where no power connection is available.

Thanks to its low weight, the lighting mast can be transported and set up by just one person. The electrically extendable telescopic column raises the light unit to a height of up to 3.8 metres. The swivelling and folding luminaire heads allow the light cone to be aligned precisely and flexibly.

Whether for maintenance work on railway lines, rescue operations, disaster control or on mobile construction sites – the **SETO ROBOMAST 300 EM** brings light where it is needed.



PRODUCT FEATURES

- Compact, rechargeable battery-powered lighting mast for self-sufficient lighting
- Powerful LED system for large-area illumination
- Rechargeable battery operation with flexible runtime thanks to dimming function
- Electrically extendable mast up to 3.8 metres
- Luminaire heads can be easily folded out and fully swivelled
- 340° mast rotation for flexible alignment
- All-terrain tyres and ergonomic handles for easy transport
- Extremely low noise (< 15 dB(A)) – also suitable for inner-city or night-time use
- Ideal for emergency services, railways, construction, tunnels and temporary locations

TECHNICAL DATA

Electrical data	
Operating voltage	220 to 240 V AC / 50/60 Hz
System performance (at 100 %)	300 W
System performance (rechargeable battery operation)	300 W (100 %), 225 W (75 %), 150 W (50 %), 75 W (25 %), 30 W (10 %)
Lumen / W	160
Rechargeable battery capacity	1.2 kWh
Rechargeable battery	LiFePO ₄
Operating time (rechargeable battery operation)	4 h (100 %), 5 h (75 %), 8 h (50 %), 16 h (25 %), 40 h (10 %)
Input plug	Schuko plug IP68
Luminous data	
Illuminant	LED
Luminous flux	48,000 lm
Luminous flux (rechargeable battery operation)	48,000 lm (100 %), 36,000 lm (75 %), 24,000 lm (50 %), 12,000 lm (25 %), 4,800 lm (10 %)
Beam angle	60°
Power factor	> 0.92
Colour temperature	5,000 K
Lifetime	100,000 h
Dimmable	Yes
Protection	Overvoltage, overtemperature, short circuit
General data	
Dimensions (l x w x h, pack size / assembled)	358 x 385 x 1,088 mm, 1,303 x 1,129 x 3,800 mm
Illuminated area (min. 5 lux)	up to 1,000 m ² at maximum height
Ambient temperature	-10 to +45 °C
Storage temperature	-40 to +80 °C
Max. height	3.8 m
Wind load	up to 30 m/s
Mast rotation	340°
Lifting system	Electrical
Housing surface	UV-stabilised powder coating
Noise pollution	< 15 dB(A)
Item no.	1424001015

