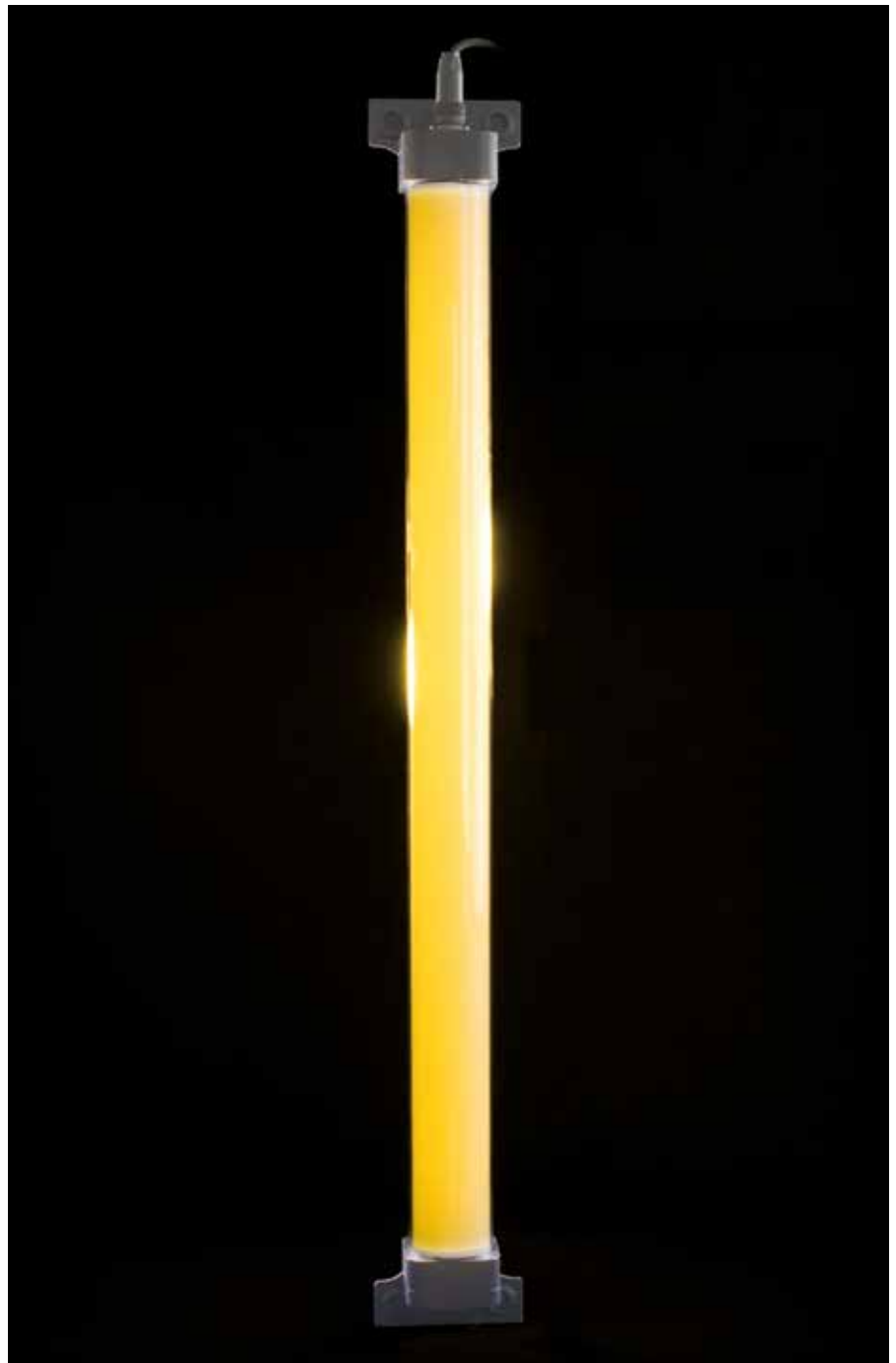


LT 1000

LED Light Tube

LT 1000 LED Light tube is designed to replace traditional floodlights. The light is distributed directly towards the mariner instead of illuminating the structure. Only a fraction of energy is required compared to traditional floodlights.

- **Maintenance free LED light tubes for illuminating fixed aids to navigation**
- **Housing fully waterproof with PTFE vent for breathing**
- **Standard IALA surface colours Red, Green, White and Yellow in accordance with E-108 Recommendation**
- **Low power consumption, ideal for solar systems**
- **Can be used standalone or with control unit**
- **With the control unit the intensity can be adjusted from 15 % to 100 %**
- **Control unit also includes integrated solar panel regulator and photocell**
- **Configuration and field maintenance with Programmer Mk2 or laptop computer**





Waterproof
Completely sealed design,
PTFE vent for breathing.



Robust
Designed for marine environment.



Uniformity
LT 1000 optical design creates
an even and balanced light
distribution with no blind spots.



Installation
The LED tube can be installed
on any flat surface with four
bolts. Rubber gaskets around
mounting bolts allow
thermal expansion.



Array
When the light tubes are
mounted in arrays on the
surface of the AtoN structure
the light creates a good visual
impression of the illuminated
area. This allows the mariners
to easily detect the structure.



Leading lights
Light tubes can be used
to enhance the visibility
of a leading line. Mounted
vertically on the daytime
panels, the leading light
becomes very conspicuous
in built-up areas with a lot of
background light.



LT Control Unit
LEDFlasher is the controller in
the control unit. Each unit can
control max 10 light tubes.



White



Red



Green



Yellow

Technical Specification LT 1000



Optical performance

Maximum Illuminance

At full power 3 W **100 cd/m²** **100 cd/m²** **100 cd/m²** **100 cd/m²**

Main Technical Specification

Dimensions	1180 x 145mm
Lens tube material	UV stabilized Acrylic
End terminal material	Marine grade anodized aluminium
Light source	Light Emitting Diodes (LEDs)
Viewing angle	150°
Unit lifetime	Up to 10 years
Weight	2.5 kg
Temperature range	-40° ... +60°C
Supply Voltage	9 – 30 VDC
Power consumption	High setting = max 3 watts Low setting = max 0,5 watt

Order Overview LT 1000

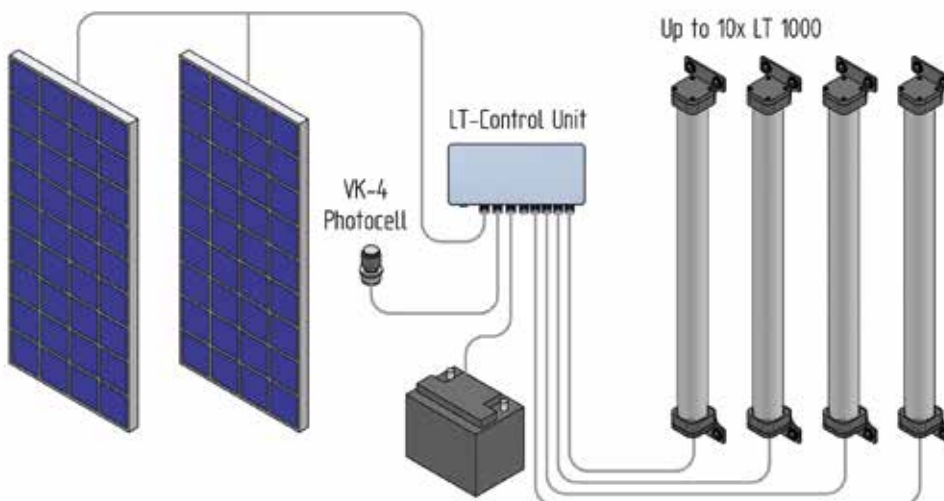
Option matrix

Supply cables with connector	2 m
	6 m
	10 m

Product codes

LT 1000 0,5W Power 0,5W	LT 1000 3W Power 3 W	Colour
LT 10001W	LT 10003W	white
LT 10001R	LT 10003R	red
LT 10001G	LT 10003G	green
LT 10001Y	LT 10003Y	yellow

CONTROL BOX	980269
LT-1000 CABLE 2M	715620-2
LT-1000 CABLE 6M	715620-6
LT-1000 CABLE 10M	715620-10



Installation Example