



# Intellitec

## Product Datasheet & Owners Manual

### BLT Bright Line Tube Lamps



#### BLT01 (Bright Line Tube – 01)

##### Features

- Easy to install
- Safe voltage (24 V)
- Revolving
- IP code: IP67
- High efficiency

EN

##### Purpose

The BLT can be used to light lifting bridges and/or other permanent structures.

##### Installation

1. Connect all individual BLTs with each other using the supplied connecting cables.
2. Cap the last BLT using a sealing cap.
3. Connect the connecting/power supply cable to the first BLT.
4. Connect the black wire of the power supply cable to the minus (–) of the 24 V power supply source.
5. Connect the white wire of the power supply cable to the positive (+) connection of the 24 V power supply source.

##### Warnings:

- ◆ The product must only be connected by skilled fitters/mechanics who are aware of the regulations for working with power supplies and/or battery voltages.
- ◆ The product may be damaged if you use inferior connection material and/or wiring that is too thin.
- ◆ A short circuit between the positive and negative terminals of the battery may cause severe damage to your system.
- ◆ Always use fuses in the positive cable or a protected power supply. (The value of the fuse can be calculated by multiplying the number of switched lights by 1 A.)

##### Description

The BLT is intended for a stabilised supply voltage of 24 V DC\*. The BLT has a diameter of 25.4 mm (not including the sealing caps) and, therefore, it is extremely suitable for installation using 25 mm standard industrial tube clips\*\* that can be supplied in either metal or plastic.

At most 6 BLTs can be connected with each other on 1 power supply source. If 7 or more BLTs are used, several power supply sources must be used.

\*) Power supply not supplied.

\*\*) Tube clips not supplied.

##### Technical details

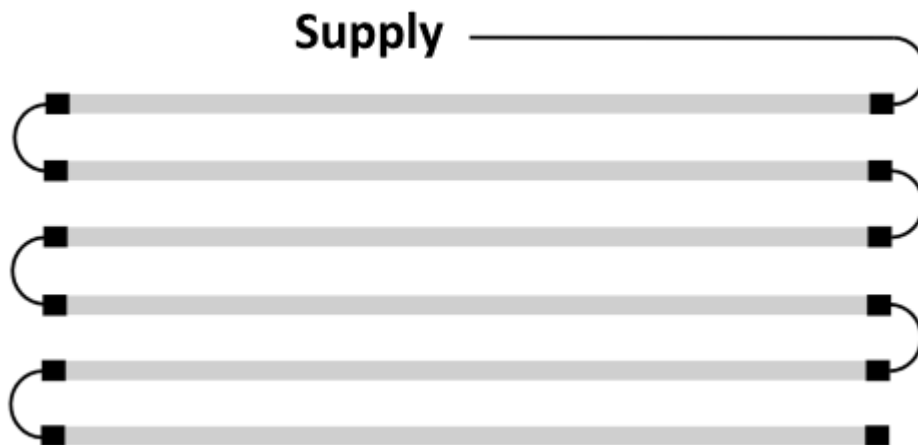
IP code:	IP67	Total length (max):	1,030 mm
Voltage:	Stabilised 22.0 / 28.0 V DC	Sealing cap diameter:	28.4 mm
Current:	±500 mA	Tube diameter:	25.4 mm
LED type:	5630 LG D flux	Connector type:	2-pole M14
Number of LEDs:	63	Connecting cable length:	2 m
Lumen:	±2,000	Cable White:	Positive (+)
Light colour:	5,700 K	Black:	Negative (–)

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### Schematic



Part No	BLT033	BLT066	BLT100	BLT133	BLT166	BLT200
<b>Length cm</b>	33	66	100	133	166	200
<b>Led's</b>	21	42	63	84	105	126
<b>Lumen LED</b>	666	1334	2000	2665	3330	4000
Spares :						

Clamp Bracket  
Part No : BLT-CLAMP

End Cap  
Part No : BLT-CAP

10CM Cable  
Part No : BLT-CAB-10CM

1M Cable  
Part No : BLT-CAB-1M

2M Cable  
Part No : BLT-CAB-2M

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