

## PLT1+ specification sheet

Single color lighting tube 48V  
For poultry barns: breeders, broilers and layers.



**ProLucent Tube**  
model 1 type 0 subtype 0 –  
48V 0 5,5W –  
2-pin 051 cm draad  
Opm: 3 digits vooraan biedt nog mogelijkheden voor  
benoeming types/subtypes. De rest stel ik voor in de

### SKU (uitgelegd)

PLT100-48055-2051 Warm white 5.5W

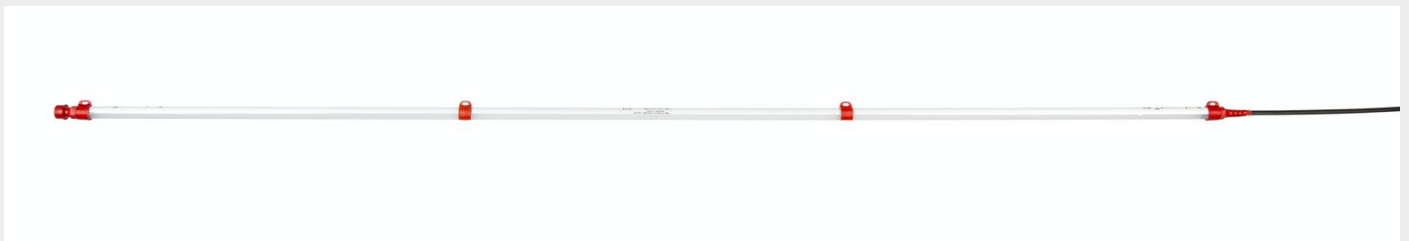
PLT110-48055-2051 Special white 5.5W

PLT120-48096-2200 Warm white 9.6W

**ProLucent Tube**  
model 1 type 2 subtype 0 –  
48V 0 9,6W –  
2-pin 200 cm draad



## Specification – Prolucent T1+



### General

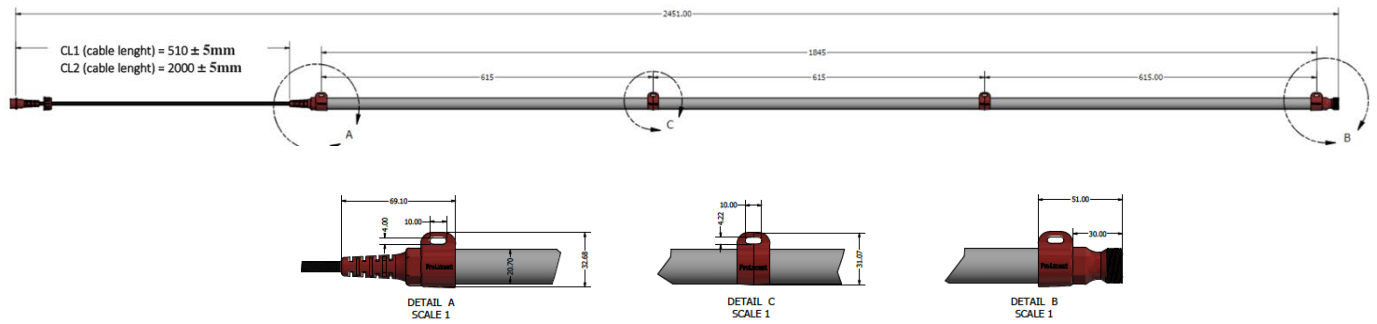
Product name	Prolucent T1+ light tube
Description	Linear Single-color low voltage light tube
Benefits	Cost efficient, reliable and easy to install
Latest update	17/03/2020

### Electrical

Leds	72 leds – driven at low current for long life expectancy
Voltage	48V
Power	5.5W or 9.6W
Dimmable	Yes
Protection	Internal auto resettable fuse Internal 1.5mm <sup>2</sup> wires to bring power from input to output connector
Working temperature	Ta max: 45 °C
Life expectancy	<b>Xxx hours</b>

## Mechanical

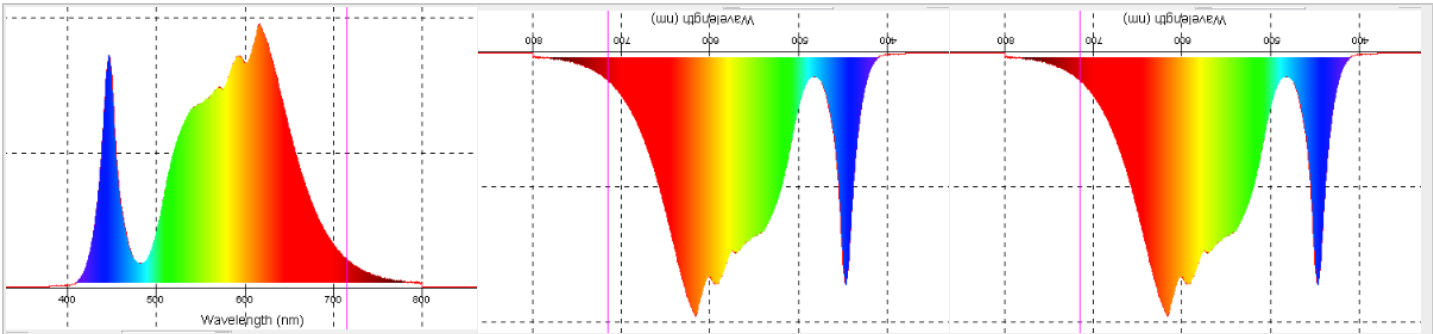
Material	PMMA with PVC ends
Lens	Frosted material (reduced stress, no "led" hot spots)
IP rating	IP69K
Mounting	Mounting holes on lamps (see drawings)
Connectivity	Interconnectable, with 2 pin male and female connector PU cable (better resistant to pecking)
Dimensions	± 1m90 x 3cm x 3cm (see dimensional drawing for more details)



## SKU

PLT100-48055-2051	Warm white 5.5W	PLT1+ 48-3000-L1-W5,5 lead wire 510mm Photometrics 555lm, 3000K, CRI:85
PLT110-48055-20510	Special white 5.5W	PLT1+ 48-SP1-L1-W5,5 lead wire 510mm Photometrics 690lm, XXXXK?, CRI?
PLT120-48096-2200	Warm white 9.6W	PLT1+ 48-3000-L1-W9,6 lead wire 2000mm Photometrics 947lm, 3000K, CRI:85

## Spectral distribution



3000K 5,5W

3000K 9,6W

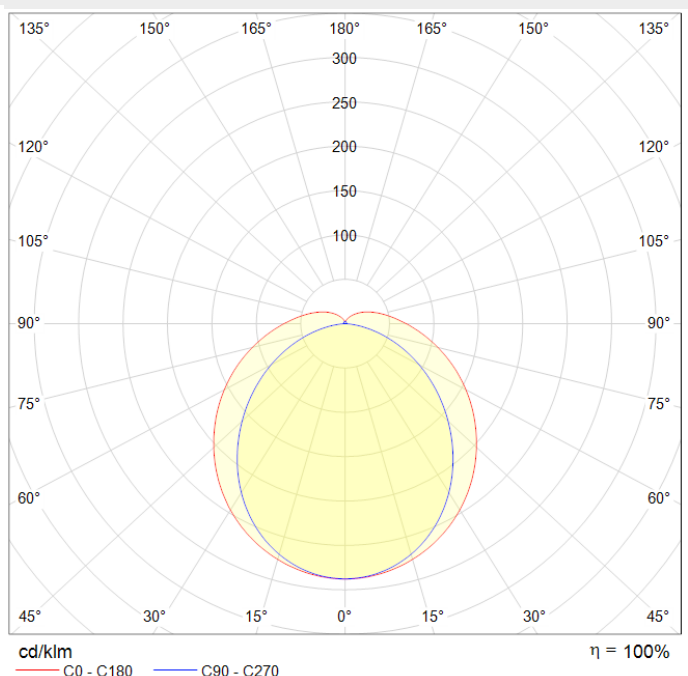
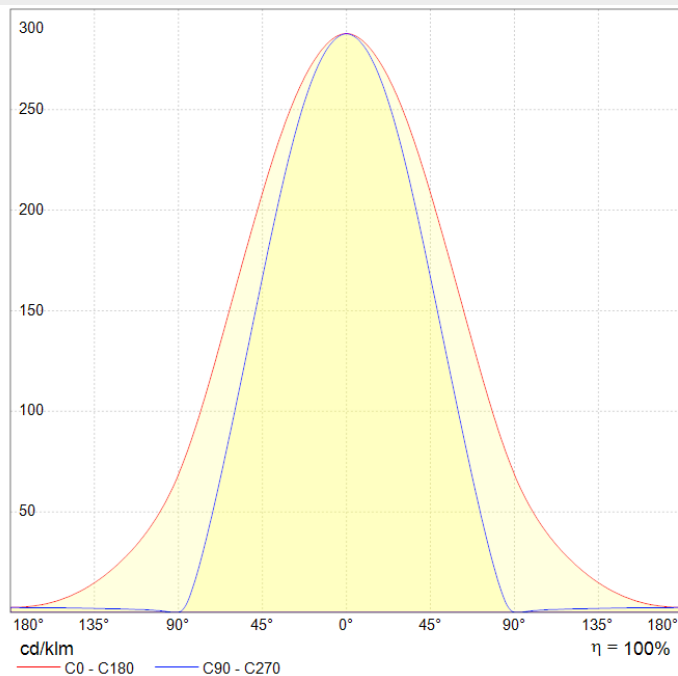
Special White 5,5W

**Example of operation with Prolucent Safety dimmer**



**Schema te vervangen**

**Light distribution graphs**



**Light distribution angle**

Half value angle

129° (perpendicular to length of lamp)  
100° (along length of lamp)