T1+ tube lamp

Prolucent tube lamp 48V

SKU
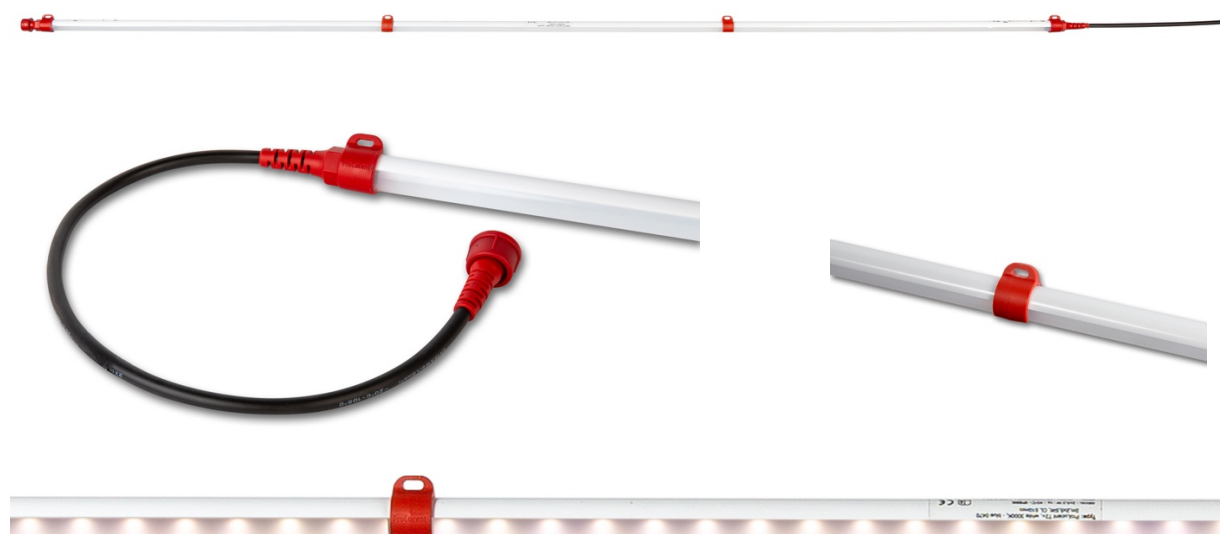
PLT14801	T1+, 48V, white 3000K, 5,5W, length: ±1,9m
PLT14802	T1+, 48V, special white, 5,5W, length: ±1,9m
PLT14803	T1+, 48V, white 3000K, 9,6W, length: ±1,9m
PLT14804	T1+, 48V, amber 590nm, 5,5W, length: ±1,9m

Specifications

General

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Product name	Prolucent T1+ tube lamp
Description	Linear single-color low voltage light tube
Benefits	Cost efficient, reliable and easy to install Frosted, milky material generates soft light. This avoids stress on poultry induced by non-diffused open led sources PU cable better resistant to pecking

Electrical

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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^2 wires to bring power from input to output connector
Working temperature	Ta max: 45˚C
Light spectrum / colors	Different light spectra available: - Standard white 3000K - Prolucent special white: optimized to match light sensitivity of the eyes of poultry (Gallilux optimization)

Mechanical

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Material	PMMA with PVC ends
Lens	Frosted material (reduced stress, no led hot spots)
IP rating	IP69K
Mounting	Mounting clip with holes attached on the lamps for easy install
Connectivity	Interconnectable via PU cable, with 2-pin male and female connector
Certification	CE (manufactured in China)

Spectral distribution

White 3000K 5.5W PLT14801	
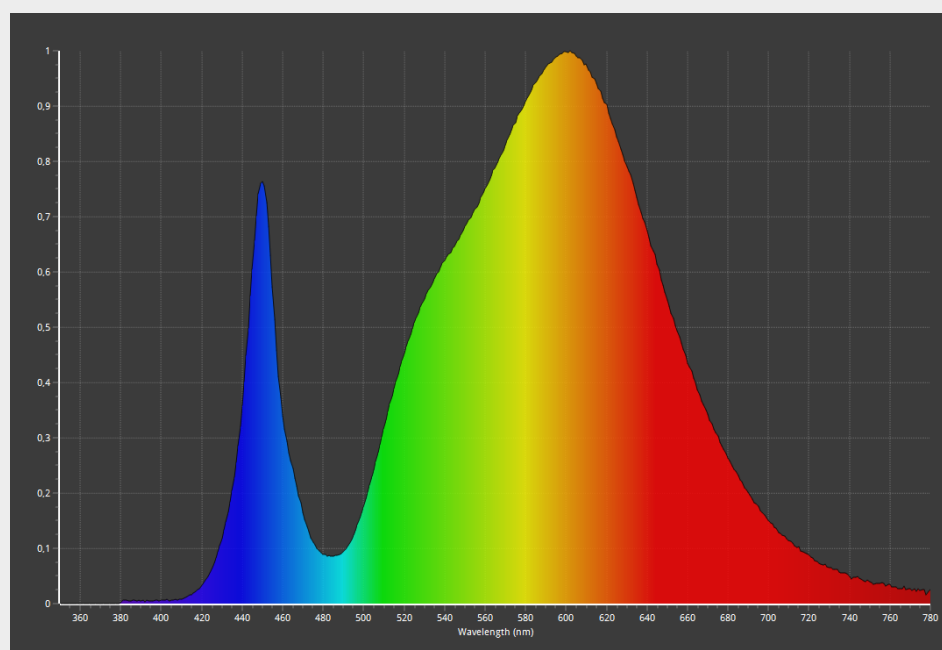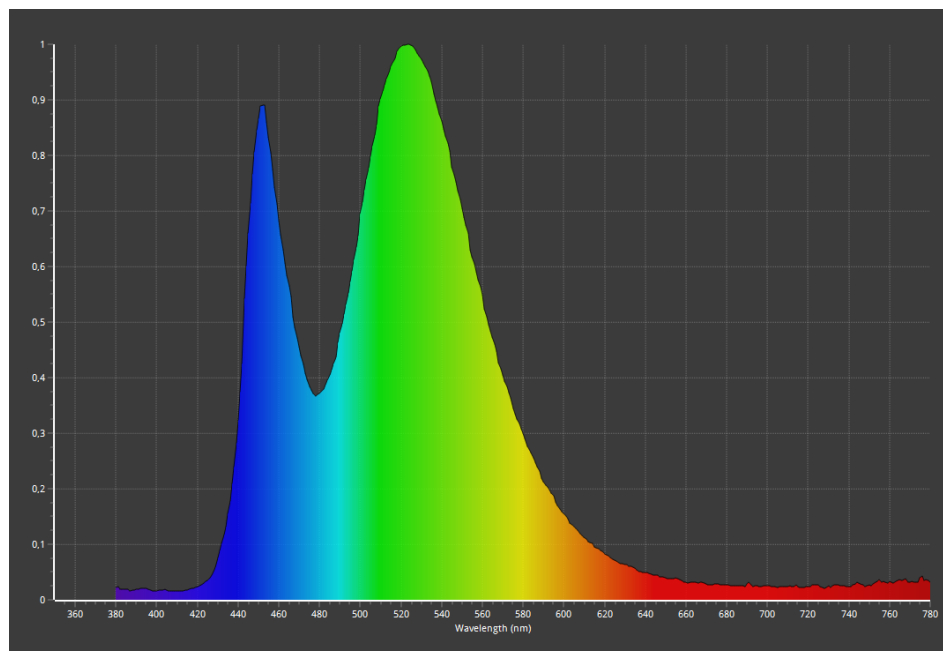
Special white 5.5W PLT14802	
White 3000K 9.6W PLT14803	
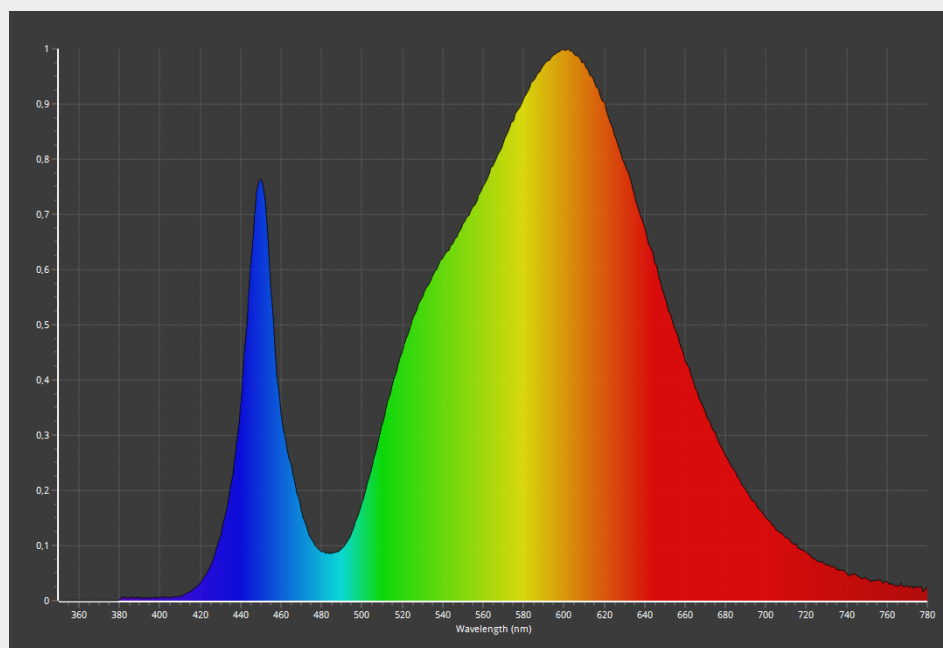
Amber 0590 **5,5W** PLT14804 **To be defined**	
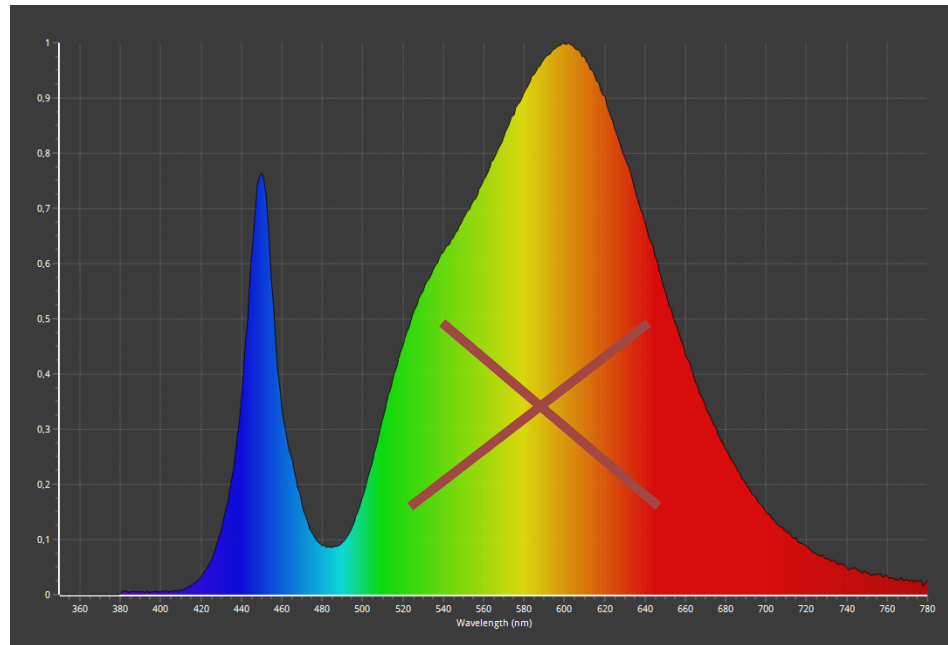
Light distribution

Light distribution graphs	
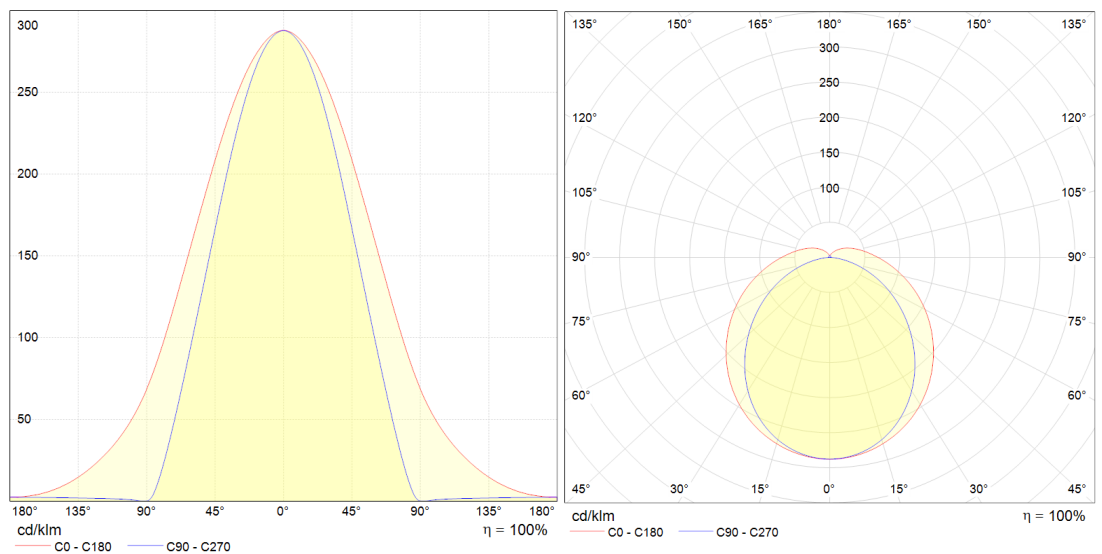
Half value angle	129˚ (perpendicular to length of lamp) 100˚ (along length of lamp)
Other files or documentation	LDT /Eulumdat files available at request

Photometric values

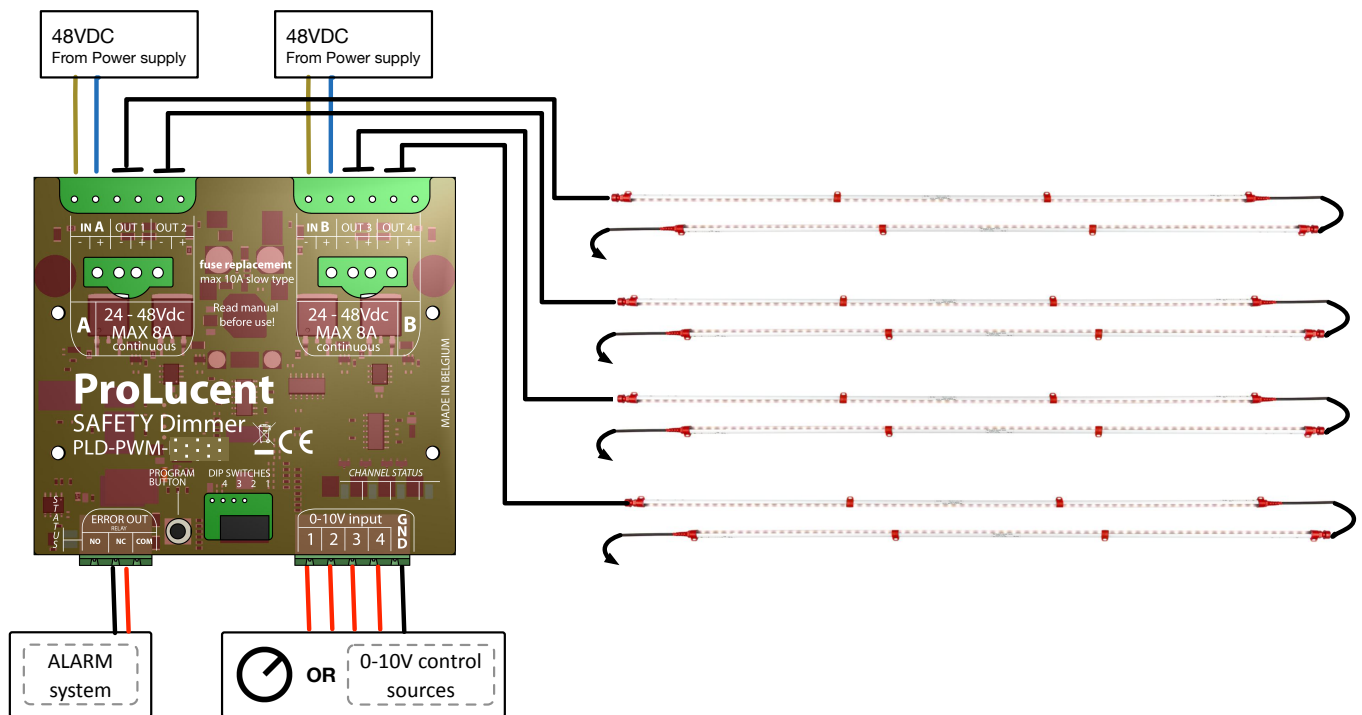|	
White 3000K **5.5W** PLT14801	555lm, 3000K, CRI: 85+
Special white **5.5W** PLT14802	693lm
White 3000K **9.6W** PLT14803	947lm, 3000K, CRI: 85+
Amber **5,5W** PLT14804	tbd

Dimensions

Dimensions	± 190cm x 3cm x 3cm (see dimensional drawing for more details)
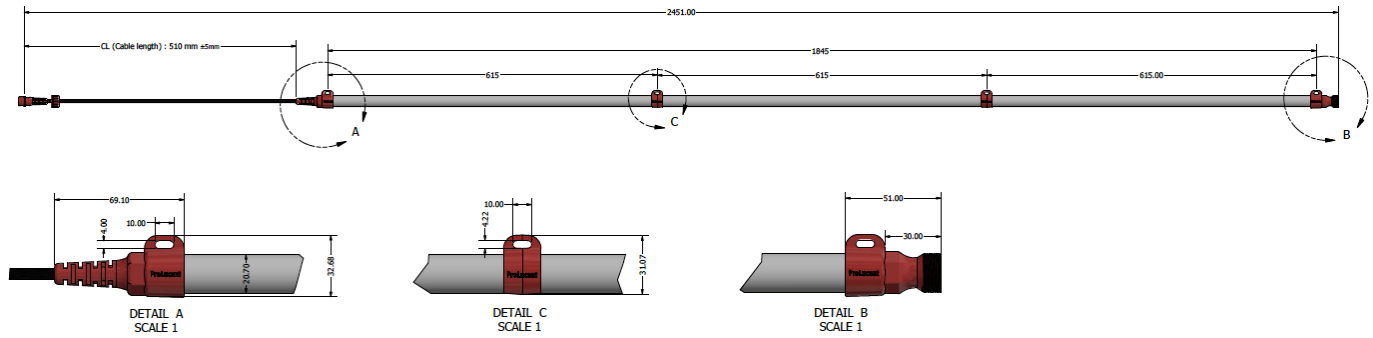
Typical connection example

Life expectancy	L70B50 25K hours
Warranty	2 years
Weight & packaging	Cardboard box with 25 lamps: WxHxL (mm) 216x280x1970 - 16 kg