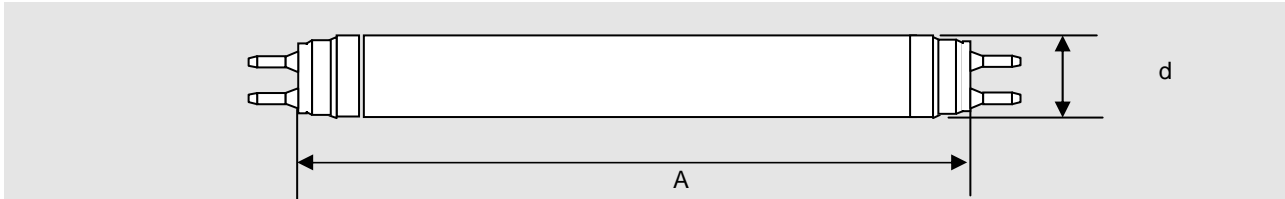


# T5 SMARTLUX Lamp

( $\phi$  16mm)

# Technical Information

Rev.: Mar.2009



## Feature

- Fluorescent lamp with 16 mm diameter
- Available light colours: Cool Daylight (865), Daylight (850), Cool White (840), Warm White (830), INTERNA (827).
- Environmentally friendly fluorescent lamps with a low mercury content.
- The efficacy is at least 10% higher than for T8 fluorescent lamps.
- Very good colour rendering (Ra 80...89)

	Type	Lumen flux lm	Efficacy lm/W	Color K	Color rendering Ra	Avg. life h
	Light data	HE 14W/865 SL	1100	79	6500	80...89
HE 14W/850 SL		1100	79	5000	80...89	15000
HE 14W/840 SL		1200	86	4000	80...89	15000
HE 14W/830 SL		1200	86	3000	80...89	15000
HE 14W/827 SL		1200	86	2700	80...89	15000
HE 21W/865 SL		1750	85	6500	80...89	15000
HE 21W/850 SL		1800	87	5000	80...89	15000
HE 21W/840 SL		1900	92	4000	80...89	15000
HE 21W/830 SL		1900	92	3000	80...89	15000
HE 21W/827 SL		1900	92	2700	80...89	15000
HE 28W/865 SL		2400	86	6500	80...89	15000
HE 28W/850 SL		2500	90	5000	80...89	15000
HE 28W/840 SL		2600	93	4000	80...89	15000
HE 28W/830 SL		2600	93	3000	80...89	15000
HE 28W/827 SL		2600	93	2700	80...89	15000
HE 35W/865 SL		3050	86	6500	80...89	15000
HE 35W/850 SL		3100	87	5000	80...89	15000
HE 35W/840 SL		3300	93	4000	80...89	15000
HE 35W/830 SL		3300	93	3000	80...89	15000
HE 35W/827 SL		3300	93	2700	80...89	15000

\*\* at 25°C ambient temperature

	Type	Frequency KHz	Lamp power W	Lamp voltage V	Lamp current mA
	Electric data	HE 14W SL	20...26	12.8 ~ 15.2	86
HE 21W SL		20...26	19.1 ~ 22.1	126	165
HE 28W SL		20...26	26.0 ~ 29.8	166	170
HE 35W SL		20...26	33.2 ~ 37.8	205	175

	Type	Max. d (mm)	Max. A (mm)	Base
	Geometrical data	HE 14W SL	17.0	549
HE 21W SL		17.0	849	G5
HE 28W SL		17.0	1149	G5
HE 35W SL		17.0	1449	G5

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ECG System	Lamp Types	ECG Types	Input voltage range	Power factor $\cos \Phi$
QUICK TRONIC QTP5	T5 14/21/28/35 W	QTP5 1x14-35	198V ~ 264V	0.93-0.97
	T5 14/21/28/35 W	QTP5 2x14-35	198V ~ 264V	0.98-0.99
QUICK TRONIC QT5	T5 14/21/28/35 W	QT5 1x14-35	198V ~ 264V	0.95
	T5 14/21/28/35 W	QT5 2x14-35	198V ~ 264V	0.95
	T5 14W	QT5 3x14	198V ~ 264V	0.95
EZTRONIC EZP5	T5 14W	EZP5 1x14/220-230	198V ~ 254V	$\geq 0.90$
	T5 14W	EZP5 2x14/220-230	198V ~ 254V	$\geq 0.90$
	T5 14W	EZP5 4x14/220-230	198V ~ 254V	$\geq 0.90$
	T5 21W	EZP5 1x21/220-230	198V ~ 254V	$\geq 0.90$
	T5 28W	EZP5 1x28/220-230	198V ~ 254V	$\geq 0.90$
	T5 28W	EZP5 2x28/220-230	198V ~ 254V	$\geq 0.90$
	T5 35W	EZP5 1x35/220-240	198V ~ 264V	$\geq 0.90$

**Burning Position:** Universal

**Remarks:**

1. max. luminous efficiency at 35°C ambient temperature up to 104 lm/w.
2. for electronic control gear only.