



ECG LED Tubes T5 & T8

Our unique and Innovative heat management, combined with the highest efficient LED Chips (Nichia) provides our customer an instant and easy saving of >65% compared to the classical fluorescence tubes. The existing electronic ballast will be used with our LED tube in the same way as with the conventional luminaires. This guarantee that the lifetime of the ballast stays the same. As we don't use an internal ballast to change the current of the external electronic ballast, we can match all existing florescence ballast. If you have a nonstandard electronic ballast, we have custom build end cap, which can match any of your existing ballast. With our product you get a unique efficiency with over 150lm/W, so you can save another 20 to 30% compared with other products. This will give you additional huge savings and much shorter ROI.

- Instant LED T8 and T5 retrofit for electronic ballast (ECG)
- efficient Nichia LED Chips (185lm/W), LM80, efficient diffusor. Total net luminaire efficiency >150lm/W
- lifetime >50'000 operating hours (L70B10)
- works with 99.9% all standard electronic ballast
- any non-standard electronic ballast we can build special converter (simply replace of the end cap)
- unique solution for T5 (inbuilt converter and still enough lumen output)
- dimmable (if ballast supports), emergency lighting compatibility
- best heat management with enough aluminium, guarantees lifetime
- 150-degree beam angle
- IP44 protection, operating temperature -20 to +50 degree Celsius
- Colour rendering index CRI >80
- CE, VDE approved, fulfil EU norm IEC 62776 und ErP
- 5 years' warranty

Specification T8

length:
Lumen output lm:
P. consumption W:
Net Efficiency lm/W:
Article number:
Replaces CFL:

Normal	Normal	High Lumen	High Lumen
1'200mm	1'200mm	1'500mm	1'500mm
2'300lm	3'200lm	2'900lm	3'900lm
16W	21W	20W	26W
150lm/W	150lm/W	150lm/W	150lm/W
WT1T8120016-*	WT1T8120021-*	WT1T8150020-*	WT1T8150026-*
36W FL	36W FL	58W FL	58W FL

Specification T5

length:
Lumen output lm:
P. consumption W:
Net Efficiency lm/W:
Article number:
Replaces CFL:

1'149mm	1'449mm	1'449mm
2'300lm	3'900lm	5'300lm
17W	25W	34W
150lm/W	150lm/W	150lm/W
WT1T5114917-*	WT1T5144925-*	WT1T5144934-*
35W FL	49W FL	80W FL

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*colour-temperature: 3, 4 or 5 (example -4 for 4'000 Kelvin)

Please check our terms of conditions and delivery conditions

All our efficient LED tubes are also available for conventional ballast



End caps T8

In order for our efficient T8 tubes with all common ECG work, we have developed interchangeable end caps. So we can produce workable solutions for special ECGs.

Type A - Constant Current - Constant Current – general standard

For all ECGs with 270-320mA at 1.2m and 1.5m at 400-455mA. Tolerance +/- 10%. Plus tested output voltage of 50-70V (Philips) is the current standard of all Osram, Tridonic and other brands

Type B - Constant Current low current - constant current lower than standard

For all ECG which below operating voltages specified in type A

Type C - Current constant power V / A - constant current with the reference current review

For all ECGs which current work with exactly the specified power (W). for example, 50W. our tube will be modified to show ballast these consumption, even if it is much lower.

Type D - all other special types

For all ECGs which don't fit any of the above standards.

We like to build special solution. For example, we build special solution for Swiss tunnels with special ECGs from Tridonic

Please also refer to our compatibility list

End caps T5

All T5 have a normed range of operating current of ECG. Please see the below list of replacement. Important: replace the fluorescent with the direct replacement LED tube.

1'149mm	1'449mm	1'449mm
2'300lm	3'900lm	5'300lm
17W	25W	34W
150lm/W	150lmW	150lm/W
WT1T5114917-*	WT1T5144925-*	WT1T5144934-*
35W fluorescent	49W fluorescent	80W fluorescent

* colour-temperature: 3, 4 or 5 (example -4 for 4'000 Kelvin)