

TRIDONIC

▼ enlightening your ideas

Fixed Output

Electronic ballasts for fluorescent lamps



Spotlights



Downlights



Linear



Wide Area



Floor | Wall



Free Standing



Decorative

Fixed Output: Perfect reliability



Portfolio

PC PRO

Premium performance
and lifetime

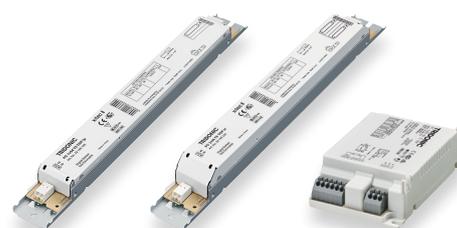
A sophisticated package of perfection and reliability designed to get the most out of a fluorescent lamp. The most comprehensive PC range supports all relevant types of fluorescent lamps. For more information on this product, see page 4 et seq.



PC TOP

Optimised for standard
applications

Fulfilling essential market requirements, without any compromises in terms of reliability. For more information on this product, see page 6 et seq.

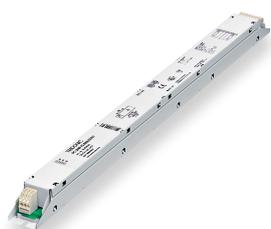


PC TEC

All you need to operate
a lamp safely

Reliable entry-level gear in compact design. For more information on this product, see page 8 et seq.





PC INDUSTRY
Designed to resist

Designed for tough ambient conditions, ensuring maximum service life nevertheless. The device is also perfectly protected against serious power disruptions. For more information on this product, see page 10.



PC PRO-M
Multi-lamp management
keeps your range lean

Fewer versions and more flexibility thanks to multi-lamp management. Lamp start after only 0.5 seconds. For more information on this product, see page 11.



PC BASIC
Small and flexible

Finding an individual solution despite cramped space conditions and nevertheless being able to operate almost any fluorescent lamp. For more information on this product, see page 12.



PC PRO - Premium performance and lifetime

Make the most of a fluorescent lamp with PC PRO. x:tec II processor technology allows for intelligent adjustment of various tolerances, ensuring highly precise lamp operation. The lamps will thank you for being handled with care by featuring a long service life, even after more than 50,000 starts. In this context it does not matter if ambient temperatures fluctuate between -25 °C and up to 80 °C, depending on the model. In case of overvoltage caused by miswiring, additional protection is provided by the Intelligent Voltage Guard triggering an alarm.

► At a glance

- ___ Unrivalled precision in lamp operation thanks to x:tec II
- ___ Highest energy efficiency class: A2 BAT
- ___ Nominal service life of up to 100,000 h at $t_a = 50\text{ °C}$
- ___ Minimum theoretical failure rate of only 0.1 % per 1,000 h
- ___ Intelligent Voltage Guard (IVG)
- ___ New: VDE-EMC mark of conformity

PC T5 PRO

Type	Lamp Wattage	Dimensions	Packaging (C)	Packaging (P)	Ambient Temperature t_a	Celma K	Art.-no.
PC T5 PRO Ip, 14 - 80 W For luminaires with 1 lamp							
PC 1x14-35 T5 PRO Ip	1 x 14 - 35 W	280 x 30 x 21 mm	10 pcs	960 pcs	-25 up to +80 °C*	A2 BAT	22185147
PC 1x49 T5 PRO Ip	1 x 49 W	280 x 30 x 21 mm	10 pcs	960 pcs	-25 up to +60 °C	A2 BAT	22185153
PC 1x54 T5 PRO Ip	1 x 54 W	280 x 30 x 21 mm	10 pcs	960 pcs	-25 up to +60 °C	A2 BAT	22185155
PC 1x80 T5 PRO Ip	1 x 80 W 1 x 55 W TCL	280 x 30 x 21 mm	10 pcs	960 pcs	-25 up to +60 °C -25 up to +65 °C	A2 BAT	22185209
For luminaires with 2 lamps							
PC 2x14-35 T5 PRO Ip	2 x 14 - 35 W	360 x 30 x 21 mm	10 pcs	760 pcs	-25 up to +75 °C*	A2 BAT	22185148
PC 2x24 T5 PRO Ip	2 x 24 W	360 x 30 x 21 mm	10 pcs	760 pcs	-25 up to +70 °C	A2 BAT	22185150
PC 2x49 T5 PRO Ip	2 x 49 W	360 x 30 x 21 mm	10 pcs	760 pcs	-25 up to +55 °C	A2 BAT	22185154
PC 2x54 T5 PRO Ip	2 x 54 W	360 x 30 x 21 mm	10 pcs	760 pcs	-25 up to +55 °C	A2 BAT	22185156
PC 2x80 T5 PRO Ip	2 x 80 W	425 x 30 x 21 mm	10 pcs	640 pcs	-25 up to +55 °C	A2 BAT	22185210
For luminaires with 3 or 4 lamps							
PC 3/4x14 T5 PRO Ip	3/4 x 14 W	360 x 30 x 21 mm	10 pcs	760 pcs	-25 up to +60 °C*	A2 BAT	22185211

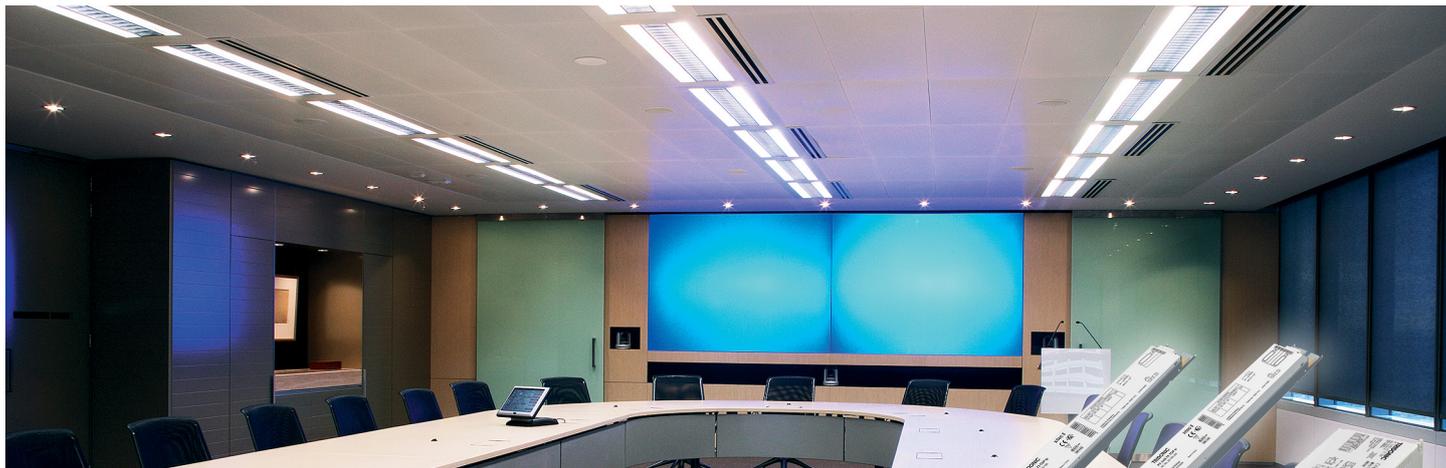
PC T8 PRO

Type	Lamp Wattage	Dimensions	Packaging (C)	Packaging (P)	Ambient Temperature t_a	Celma K	Art.-no.
PC T8 PRO Ip, PC T8 PRO sl, 18 – 58 W For luminaires with 1 lamp							
PC 1x36 T8 PRO Ip	1 x 36 W	230 x 30 x 21 mm	50 pcs	1,050 - 3,150 pcs	-25 up to +65 °C	A2 BAT	22185214
PC 1x58 T8 PRO Ip	1 x 58 W	230 x 30 x 21 mm	50 pcs	1,050 - 3,150 pcs	-25 up to +55 °C	A2 BAT	22185215
For luminaires with 2 lamps							
PC 2x36 T8 PRO sl	2 x 36 W	280 x 30 x 21 mm	50 pcs	900 - 2,700 pcs	-25 up to +60 °C	A2 BAT	22185217
PC 2x58 T8 PRO sl	2 x 58 W	280 x 30 x 21 mm	50 pcs	900 - 2,700 pcs	-25 up to +55 °C	A2 BAT	22185218
For luminaires with 3 or 4 lamps							
PC 3/4x18 T8 PRO Ip	3/4 x 18 W	280 x 30 x 28 mm	10 pcs	960 pcs	-25 up to +70 °C*	A2 BAT	22185219
PC T8 PRO, 30 – 70 W For luminaires with 1 lamp							
PC 1/70 T8 PRO	1 x 70 W	234 x 40 x 28 mm	10 pcs	630 pcs	-25 up to +55 °C	A2	22176171
For luminaires with 2 lamps							
PC 2/70 T8 PRO	2 x 70 W	360 x 40 x 28 mm	10 pcs	420 pcs	-25 up to +50 °C	A2	22176232

PC Compact PRO

Type	Lamp Wattage	Dimensions	Packaging (C)	Packaging (P)	Ambient Temperature t_a	Celma K	Art.-no.
PC TC PRO, 1/2x9 – 70 W For luminaires with 1 or 2 lamps							
PC 1/2x18 TC PRO	1/2 x 18 W	103 x 67 x 31 mm	15 pcs	750 pcs	-25 up to +70 °C*	A2 BAT	22176407
PC 1/2x26-42 TC PRO	1/2 22-26 W	103 x 67 x 31 mm	15 pcs	750 pcs	-25 up to +65 °C*	A2-A2 BAT	22176408
For luminaires with 2 lamps							
PC 2x26-42 TC PRO	2 x 22-42 W	123 x 79 x 31 mm	10 pcs	500 pcs	-25 up to +75 °C*	A2 BAT	22176410
PC TCL PRO, 18 – 55 W For luminaires with 1 or 2 lamps							
PC 1/55 TCL PRO	1 x 55 W	234 x 40 x 28 mm	10 pcs	630 pcs	-25 up to +55 °C	A2	22176169

*depends on lamp wattage



PC TOP - Optimised for standard applications

PC TOP ballasts cannot fail to impress professionals in the lighting sector, thanks to a broad range of product characteristics fulfilling all essential market requirements. With PC TOP, you add a high degree of quality and efficiency to your luminaire. In terms of availability, the product range is top-class as well: PC TOP ballasts are available for T8, T5 lamps and for built-in or surface mounting.

► At a glance:

- ___ Essential market requirements fulfilled
- ___ Energy efficiency class: A2
- ___ Nominal service life of 50,000 h at $t_a = 50\text{ °C}$
- ___ Available for T8, T5 and compact fluorescent lamps

PC T5 TOP

Type	Lamp Wattage	Dimensions	Packaging (C)	Packaging (P)	Ambient Temperature t_a	Celma K	Art.-no.
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PC T5 TOP Ip, 14 – 54 W for Europe, Middle East, Africa and America**For luminaires with 1 lamp**

PC 1x14-35 T5 TOP Ip	1 x 14-35 W	280 x 30 x 21 mm	10 pcs	960 pcs	-20 up to +55 °C	A2	28000023
PC 1x49 T5 TOP Ip	1 x 49 W	280 x 30 x 21 mm	10 pcs	960 pcs	-20 up to +55 °C	A2	28000029
PC 1x54 T5 TOP Ip	1 x 54 W	280 x 30 x 21 mm	10 pcs	960 pcs	-20 up to +55 °C	A2	28000031

For luminaires with 2 lamps

PC 2x14-28 T5 TOP Ip	2 x 14-28 W	360 x 30 x 21 mm	10 pcs	760 pcs	-20 up to +55 °C	A2	28000024
PC 2x49 T5 TOP Ip	2 x 49 W	360 x 30 x 21 mm	10 pcs	760 pcs	-20 up to +55 °C	A2	28000030
PC 2x54 T5 TOP Ip	2 x 54 W	360 x 30 x 21 mm	10 pcs	760 pcs	-20 up to +55 °C	A2	28000032

For luminaires with 3 or 4 lamps

PC 3/4x14 T5 TOP Ip	3/4 x 14 W	360 x 30 x 21 mm	10 pcs	760 pcs	-20 up to +55 °C	A2	22185220
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PC T5 TOP Ip, 14 – 54 W for Asia and Australia**For luminaires with 1 lamp**

PC 1x14-35 T5 TOP Ip	1 x 14-35 W	280 x 30 x 21 mm	50 pcs	900 - 2,700 pcs	-20 up to +55 °C	A2	22185157
PC 1x49 T5 TOP Ip	1 x 49 W	280 x 30 x 21 mm	50 pcs	900 - 2,700 pcs	-20 up to +55 °C	A2	22185163

For luminaires with 2 lamps

PC 2x14-28 T5 TOP Ip	2 x 14-28 W	360 x 30 x 21 mm	50 pcs	650 - 1,950 pcs	-20 up to +55 °C	A2	22185158
PC 2x49 T5 TOP Ip	2 x 49 W	360 x 30 x 21 mm	50 pcs	650 - 1,950 pcs	-20 up to +55 °C	A2	22185164
PC 2x54 T5 TOP Ip	2 x 54 W	360 x 30 x 21 mm	50 pcs	650 - 1,950 pcs	-20 up to +55 °C	A2	22185166

PC T8 TOP

Type	Lamp Wattage	Dimensions	Packaging (C)	Packaging (P)	Ambient Temperature t_a	Celma K	Art.-no.
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PC T8 TOP Ip, PC T8 TOP sl
For luminaires with 1 lamp

PC 1x18 T8 TOP sl	1 x 18 W	280 x 30 x 28 mm	50 pcs	1,050 - 3,150 pcs	-20 up to +55 °C	A2	22185222
PC 1x36 T8 TOP sl	1 x 36 W	280 x 30 x 28 mm	50 pcs	1,050 - 3,150 pcs	-20 up to +55 °C	A2	22185223
PC 1x58 T8 TOP sl	1 x 58 W	280 x 30 x 28 mm	50 pcs	1,050 - 3,150 pcs	-20 up to +55 °C	A2	22185224

For luminaires with 2 lamps

PC 2x18 T8 TOP sl	2 x 18 W	280 x 30 x 28 mm	50 pcs	900 - 2,700 pcs	-20 up to +55 °C	A2	22185225
PC 2x36 T8 TOP sl	2 x 36 W	280 x 30 x 28 mm	50 pcs	900 - 2,700 pcs	-20 up to +55 °C	A2	22185226
PC 2x58 T8 TOP sl	2 x 58 W	280 x 30 x 28 mm	50 pcs	900 - 2,700 pcs	-20 up to +55 °C	A2	22185227

For luminaires with 3 lamps

PC 3/4x18 T8 TOP Ip	3/4 x 18 W	280 x 30 x 28 mm	10 pcs	960 pcs	-20 up to +55 °C	A2	22185228
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PC T8 TOP, 18 – 58 W**For luminaires with 1 lamp**

PC 2/36 T8 TOP	2 x 36 W	280 x 30 x 28 mm	25 pcs	900 pcs	-20 up to +50 °C	A2	22176371
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PC Compact TOP

Type	Lamp Wattage	Dimensions	Packaging (C)	Packaging (P)	Ambient Temperature t_a	Celma K	Art.-no.
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PC TC TOP, 18 – 42 W**For luminaires with 2 lamps**

PC 2x18 TC TOP	2 x 18 W	103 x 67 x 31 mm	15 pcs	750 pcs	-25 up to +65 °C	A2	28000074
PC 2x26 TC TOP	2 x 26 W	103 x 67 x 31 mm	15 pcs	750 pcs	-20 up to +60 °C	A2	28000076



PC TEC - All you need to operate a lamp safely

Reliability in the most basic sense: PC TEC has everything a ballast needs to be able to reliably operate a fluorescent lamp. PC TEC features simple circuitry and compact design sizes and is the ideal entry-level product for everyone who wants to benefit from the advantages provided by electronic ballasts. You will see for yourself: it will make it easy for you to say good-bye to your magnetic ballasts.

► At a glance:

- ___ Straightforward and compact
- ___ Energy efficiency class: A2
- ___ Nominal service life of 30,000 h at $t_a = 50\text{ °C}$
- ___ Available for T5 and T8 lamps

PC T5 TEC

Type	Lamp Wattage	Dimensions	Packaging (Carton)	Packaging (Palette small/large)	Ambient Temperature t _a	Celma K	Art.-no.
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PC T5 TEC Ip, 14 - 28 W**For luminaires with 1 lamp**

PC 1x14 T5 TEC Ip	1 x 14 W	230 x 30 x 21 mm	50 pcs	1,050 - 3,150 pcs	-10 up to 50 °C	A2	87500211
PC 1x21 T5 TEC Ip	1 x 21 W	230 x 30 x 21 mm	50 pcs	1,050 - 3,150 pcs	-10 up to 50 °C	A2	87500217
PC 1x28 T5 TEC Ip	1 x 28 W	230 x 30 x 21 mm	50 pcs	1,050 - 3,150 pcs	-10 up to 50 °C	A2	87500215

For luminaires with 2 lamps

PC 2x14 T5 TEC Ip	2 x 14 W	280 x 30 x 21 mm	50 pcs	900 - 2,700 pcs	-10 up to 50 °C	A2	87500212
PC 2x28 T5 TEC Ip	2 x 28 W	280 x 30 x 21 mm	50 pcs	900 - 2,700 pcs	-10 up to 50 °C	A2	87500216

For luminaires with 3 lamps

PC 3x14 T5 TEC Ip	3 x 14 W	280 x 30 x 21 mm	50 pcs	900 - 2,700 pcs	-10 up to 50 °C	A2	87500213
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For luminaires with 4 lamps

PC 4x14 T5 TEC Ip	4 x 14 W	280 x 30 x 21 mm	50 pcs	900 - 2,700 pcs	-10 up to 50 °C	A2	87500214
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PC T8 TEC

Type	Lamp Wattage	Dimensions	Packaging (Carton)	Packaging (Palette small/large)	Ambient Temperature t _a	Celma K	Art.-no.
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PC T8 TEC, 18 - 58 W**For luminaires with 1 lamp**

PC 1x18 T8 TEC	1 x 18 W	150 x 40 x 28 mm	60 pcs	1,260 - 3,780 pcs	-10 up to +50 °C	A2	87500113
PC 1x36 T8 TEC (2x18 W Application)	1 x 18 W	150 x 40 x 28 mm	60 pcs	1,260 - 3,780 pcs	-10 up to +50 °C	A2	87500115
PC 1x58 T8 TEC	1 x 58 W 1 x 55 W	150 x 40 x 28 mm	60 pcs	1,260 - 3,780 pcs	-10 up to +50 °C	A2	87500150

For luminaires with 2 lamps

PC 2x18 T8 TEC	2 x 18 W	210 x 40 x 30 mm	60 pcs	840 - 2,520 pcs	-10 up to +50 °C	A2	87500114
PC 1x36 T8 TEC (2x18 W Application)	2 x 18 W	150 x 40 x 28 mm	60 pcs	1,260 - 3,780 pcs	-10 up to +50 °C	A2	87500115
PC 2x36 T8 TEC (4x18 W Application)	2 x 18 W	210 x 40 x 30 mm	60 pcs	840 - 2,520 pcs	-10 up to +50 °C	A2	87500116
PC 2x58 T8 TEC	2 x 58 W 1 x 58 W	210 x 40 x 30 mm	60 pcs	840 - 2,520 pcs	-10 up to +50 °C	A2	87500151

For luminaires with 4 lamps

PC 2x36 T8 TEC (4x18 W Application)	4 x 18 W	210 x 40 x 30 mm	60 pcs	840 - 2,520 pcs	-10 up to +50 °C	A2	87500116
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**PC INDUSTRY** - Designed to resist

PC INDUSTRY ballasts boast an especially long service life and are designed for use under the toughest conditions in permanent operation. Whether in tunnels, car parks or manufacturing bays – ballasts by Tridonic are the basis for all applications depending on extremely reliable illumination. High resistance, long service life and extended maintenance intervals ensure permanently uninterrupted lamp operation and maximum safety.

► At a glance:

- ___ Reliable under the toughest conditions
- ___ For use during permanent operation with maximum failure safety
- ___ Nominal service life of up to 200,000 h at $t_a = 50\text{ °C}$
- ___ Protected against power disruptions of up to 4,000 V
- ___ Intelligent Voltage Guard (IVG)
- ___ 8-year guarantee

PC INDUSTRY

Type	Lamp Wattage	Dimensions	Packaging (Carton)	Packaging (Palette small)	Ambient Temperature t_a	Celma K	Art.-no.
For luminaires with 1 lamp							
PC 1/35 T5 INDUSTRY	1 x 28 W 1 x 35 W	456 x 30 x 28 mm	25 pcs	600 pcs	-30 up to +70 °C	A2	86459171
PC 1/36 T8 INDUSTRY	1 x 36 W	456 x 30 x 28 mm	25 pcs	600 pcs	-30 up to +70 °C	A2	86458035
PC 1/49 T5 INDUSTRY	1 x 49 W	456 x 30 x 28 mm	25 pcs	600 pcs	-30 up to +70 °C	A2	86458039
PC 1/54 T5 INDUSTRY	1 x 54 W	456 x 30 x 28 mm	25 pcs	600 pcs	-30 up to +70 °C	A2	86458041
PC 1/58 T8 INDUSTRY	1 x 58 W	456 x 30 x 28 mm	25 pcs	600 pcs	-30 up to +70 °C	A2	86458037
PC 1/80 T5 INDUSTRY	1 x 80 W	456 x 30 x 28 mm	25 pcs	600 pcs	-30 up to +70 °C	A2	86458043
For luminaires with 2 lamps							
PC 2/35 T5 INDUSTRY	2 x 28 W 2 x 35 W	456 x 30 x 28 mm	25 pcs	600 pcs	-30 up to +70 °C	A2	86459172
PC 2/36 T8 INDUSTRY	2 x 36 W	456 x 30 x 28 mm	25 pcs	600 pcs	-30 up to +70 °C	A2	86458036
PC 2/49 T5 INDUSTRY	2 x 49 W	456 x 30 x 28 mm	25 pcs	600 pcs	-30 up to +70 °C	A2	86458040
PC 2/54 T5 INDUSTRY	2 x 54 W	456 x 30 x 28 mm	25 pcs	600 pcs	-30 up to +70 °C	A2	86458042
PC 2/58 T8 INDUSTRY	2 x 58 W	456 x 30 x 28 mm	25 pcs	600 pcs	-30 up to +70 °C	A2	86458038
PC 2/80 T5 INDUSTRY	2 x 80 W	456 x 30 x 28 mm	25 pcs	600 pcs	-30 up to +60 °C	A2	86458044



PC PRO-M - Multi-lamp management keeps your range lean

Five products for a variety of lamp types: T5, T8 or compact fluorescent lamps. The ballasts of the PC PRO-M range are suitable for universal application. Multi-lamp management gives more flexibility to designers, but also to planners, operators and facility managers. Furthermore, multi-lamp gear allows considerable optimisation of stock-keeping. The benefit for you: cost savings independent of gear application and sales.

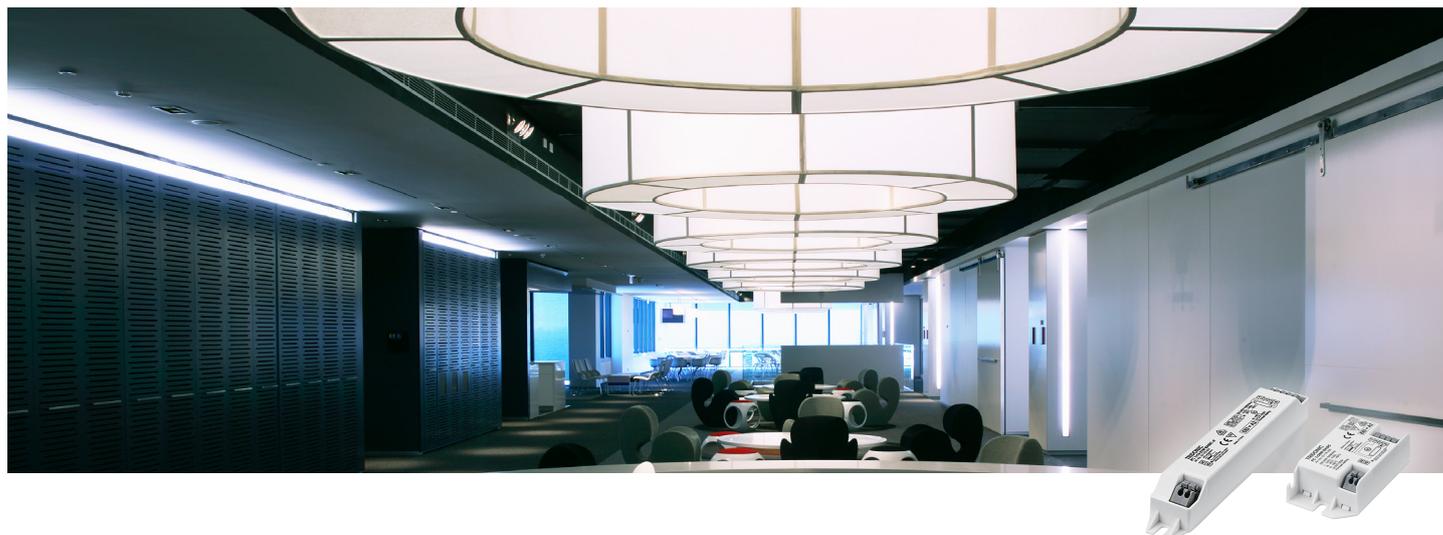
► At a glance:

- ___ Intelligent detection of lamp type
- ___ Simplifies logistics and stock-keeping
- ___ Nominal service life of up to 100,000 h at $t_a = 50\text{ °C}$
- ___ Low theoretical failure rate of only 0.1 % per 1,000 h
- ___ Intelligent Voltage Guard (IVG)

PC T5 PRO-M

Type	Lamp Wattage	Dimensions	Packaging (Carton)	Packaging (Palette small)	Ambient Temperature t_a	Celma K	Art.-no.
PC T5 PRO-M Ip, 14 – 80 W For luminaires with 1 lamp							
PC 1/14-35/24/39 T5 PRO-M Ip	1 x 14-40 W	360 x 30 x 21 mm	10 pcs	760 pcs	-25 up to +65°C*	A2-A2 BAT	22176182
PC 1/14-35/49/54 T5 PRO-M Ip	1 x 14-58 W	360 x 30 x 21 mm	10 pcs	760 pcs	-25 up to +65°C*	A2-A2 BAT	22176183
PC 1/14-35/49/80 T5 PRO-M Ip	1 x 14-80 W	360 x 30 x 21 mm	10 pcs	760 pcs	-25 up to +60 °C*	A2-A2 BAT	22176184
For luminaires with 2 lamps							
PC 2/14-21/24/39 T5 PRO-M Ip	2 x 14-40 W	360 x 30 x 21 mm	10 pcs	760 pcs	-25 up to +60 °C*	A2 BAT	22176185
PC 2/14-35/49/54 T5 PRO-M Ip	2 x 14-58 W	360 x 30 x 21 mm	10 pcs	760 pcs	-25 up to +60 °C*	A2 BAT	22176186

*depending on the variant



PC BASIC - Small and flexible

The small ballasts of the PC Basic product range are the ideal solution for all applications where little space is available or individual lighting solutions are required. Typical applications are escape sign luminaires and luminaires to be built into kitchen cupboards, shelves and showcases, for private homes and aquariums. The devices cannot fail to impress thanks to their compact size and low power consumption. Upon request, PC Basic ballasts are available without casing as well.

► At a glance:

- ___ Nominal service life of up to 50,000 h at $t_a = 50\text{ °C}$
- ___ Suitable for almost all lamps from 5 to 26 W
- ___ Long lamp life with more than 25,000 potential starts

PC BASIC

Type	Lamp Wattage	Dimensions	Packaging (Carton)	Packaging (Palette small/large)	Ambient Temperature t_a	Celma K	Art.-no.
PC BASIC, 4 – 28 W							
For luminaires with 1 lamp							
PC 1x4-13 W BASIC	*	80 x 40 x 21 mm	25 pcs	1,100 - 7,700 pcs	-25 up to +50 °C	A2-A3	24138831
PC 1x5-16 W BASIC	*	80 x 40 x 21 mm	25 pcs	1,100 - 7,700 pcs	-25 up to +50 °C	A2-A3	24138830
PC 1x18 W BASIC	1 x 18 W	80 x 40 x 21 mm	25 pcs	1,100 - 7,700 pcs	-25 up to +50 °C	A3	24138829
PC 1x26 W BASIC	1 x 26 W 1 x 28 W	80 x 40 x 21 mm	25 pcs	1,100 - 7,700 pcs	-25 up to +50 °C -25 up to +45 °C	A2	22176208
PC BASIC sl, 4 – 28 W							
For luminaires with 1 lamp							
PC 1x4-13 W BASIC sl	*	145 x 22 x 21 mm	25 pcs	1,150 - 8,050 pcs	-25 up to +60 °C	A2-A3	24138834
PC 1x5-16 W BASIC sl	*	145 x 22 x 21 mm	25 pcs	1,150 - 8,050 pcs	-25 up to +60 °C	A2-A3	24138833
PC 1x18 W BASIC sl	1 x 18 W	145 x 22 x 21 mm	25 pcs	1,150 - 8,050 pcs	-25 up to +60 °C	A2	24138832
PC 1x18-24 W BASIC sl	*	145 x 22 x 21 mm	25 pcs	1,150 - 8,050 pcs	-25 up to +60 °C	A2-A3	22176000
PC 1x14-21 W BASIC sl	1 x 14 W 1 x 21 W	145 x 22 x 21 mm	25 pcs	1,150 - 8,050 pcs	-25 up to +60 °C	A2	22176001
PC 1x26 W BASIC sl	1 x 26 W 1 x 28 W	145 x 22 x 21 mm	25 pcs	1,150 - 8,050 pcs	-25 up to +60 °C -25 up to +50 °C	A2	22176002
PC BASIC sl, 8 W							
For luminaires with 1 lamp							
PC 1x8 W BASIC sl	1 x 8 W	145 x 22 x 21 mm	25 pcs	1,150 - 8,050 pcs	-25 up to +60 °C	A2	22176026

*All available Wattages are shown in the lamp matrix.

Here you will find the right fixed output ballast for any type of fluorescent lamp, any requirement and any application, with maximum reliability.



Benefits	Product characteristics	PC PRO	PC TOP	PC TEC	PC INDUSTRY	PC PRO-M	PC BASIC
High efficiency	CELMA energy efficiency class	A2 BAT	A2	A2	A2	A2	A2
	High-precision hot start for optimum lamp life	■	■	■	■	■	■
High level of safety	Intelligent Voltage Guard for continuous monitoring of mains voltage	■			■	■	
Optimum in lamp operation	Intelligent detection of more than 25 lamp types					■	
	Number of starts without lamp replacement	50,000	30,000	up to 30,000*	50,000	50,000	25,000
	Supported lamp types						
	Precise lamp operation with tolerance adjustment	■					
	Controlled lamp operation (lamp current, lamp wattage)				■	■	
	Fixed frequency lamp operation			■			■
	Automatic restart after relamping	■	■	■	■	■	■
	Constant luminous flux irrespective of fluctuations in mains voltage	■	■		■	■	
	Service life at $t_a = 50^\circ\text{C}$	up to 100,000h*	50,000h	30,000h	up to 200,000h*	up to 100,000h*	50,000h
	Failure rate	0.1%/1,000h	0.2%/1,000h	0.3%/1,000h	0.05%/1,000h	0.1%/1,000h	0.2%/1,000h
	Ambient temperature range	-25 °C up to +80 °C*	-20 °C up to +55 °C	-10 °C up to +50 °C*	-30 °C up to +70 °C*	-25 °C up to +65 °C*	-25 °C up to +60 °C*
	Mains voltage	220–240V 0/50/60Hz	220–240V 0/50/60Hz	220–240V 50/60Hz	220–240V 0/50/60Hz	220–240V 0/50/60Hz	220–240V 0/50/60Hz
High quality	Approval marks						
	Warranty	5 years	5 years	3 years	8 years	5 years	5 years
	Sustainability (ecolution)						

*depending on the variant

Light. Exploring it, understanding it, and creating new lighting concepts – this is Tridonic's core expertise. For more than 50 years we have been turning your ideas into light. Today, some 2,000 experts all over the world put in all their creativity to develop cutting-edge technologies to be used for the control and operation of innovative lighting systems; and they are doing it with great passion, in cooperation with you. **We devote all our energy to your light.**

Support and advice from a single source

As an international company, Tridonic is represented worldwide by 30 branch offices and partners in 73 countries. The easiest way to find your regional contact is to check our website at www.tridonic.com.

**Further information and ordering data
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