

## QUICKTRONIC PROFESSIONAL 5

ECG for FL 16 mm



### Product family features

- Supply voltage: 220...240 V
- Line voltage: 198...264 V
- Line frequency: 0 Hz | 50 Hz | 60 Hz
- Lamp start with optimum filament preheating
- Lifetime: up to 100,000 h (temperature at  $T_c = 65$  °C, max. 10 % failure rate)
- Energy Efficiency Index EEI: A2 BAT
- Automatic shutdown of defective lamps and at end of life (EoL T.2)
- Safety: to EN 61347-2-3
- Lamp operation: to EN 60929

### Product family benefits

- Long lamp life
- No adverse effect from frequent on/off switching
- Perfect lamp start for applications with motion sensors
- Automatic restart after lamp replacement
- VDE/VDE EMC certified system
- Very high energy efficiency due to cut-off technology

### Areas of application

- Emergency lighting systems acc. to EN 50172 / DIN VDE 0108-100
- Industry
- Open-plan offices, corridors and storage rooms
- Public buildings
- Sports halls and factories
- Strip lighting
- Suitable for emergency lighting (DC operation)
- Modernization of existing systems
- Suitable for luminaires of protection classes I and II

## Product family datasheet

### Technical data

Product description	Electrical data				Light technical data	Dimensions & weight
	Input voltage AC	Nominal voltage	Mains frequency	Input voltage DC	Starting time	Length
QTP5 1X14...35	198...264 V	220...240 V	50...60 Hz	176...276 V	1.0 s <sup>1)</sup>	280.0 mm
QTP5 1X49	198...264 V	220...240 V	50...60 Hz	176...276 V	1.0 s <sup>1)</sup>	280.0 mm
QTP5 1X80	198...264 V	220...240 V	50...60 Hz	176...276 V	1.0 s <sup>1)</sup>	360.0 mm
QTP5 2X14...35	198...264 V	220...240 V	50...60 Hz	176...276 V	1.0 s <sup>1)</sup>	360.0 mm
QTP5 2X49	198...264 V	220...240 V	50...60 Hz	176...276 V	1.0 s <sup>1)</sup>	360.0 mm
QTP5 3X14,4X14		220...240 V	50...60 Hz	176...276 V	1.0 s <sup>1)</sup>	280.0 mm

Product description	Width	Height	Mounting hole spacing, length	Product weight	Temperatures & operating conditions	Lifespan
					Ambient temperature range	ECG lifetime
QTP5 1X14...35	30.0 mm	21.0 mm	270.0 mm	171.00 g	-20...+50 °C	100000 h <sup>2)</sup>
QTP5 1X49	30.0 mm	21.0 mm	270.0 mm	168.50 g	-20...+50 °C	100000 h <sup>2)</sup>
QTP5 1X80	30.0 mm	21.0 mm	350.0 mm	235.50 g	-20...+50 °C	100000 h <sup>2)</sup>
QTP5 2X14...35	30.0 mm	21.0 mm	350.0 mm	234.00 g	-20...+50 °C	100000 h <sup>2)</sup>
QTP5 2X49	30.0 mm	21.0 mm	350.0 mm	240.00 g	-20...+50 °C	100000 h <sup>2)</sup>
QTP5 3X14,4X14	40.0 mm	21.0 mm	270.0 mm	211.00 g	-20...+50 °C	100000 h <sup>2)</sup>

Product description	Additional product data			
	Suitable for lamp power (1 lamp)	Suitable for lamp power (2 lamps)	Suitable for lamp power (3 lamps)	Suitable for lamp power (4 lamps)
QTP5 1X14...35	14...35 W			
QTP5 1X49	49 W			
QTP5 1X80	80 W			
QTP5 2X14...35		14...35 W		
QTP5 2X49		35...49 W		
QTP5 3X14,4X14			14 W	14 W

Product description	Capabilities		Certificates & standards	
	End of lamp life safety shutdown	Suitable for fixtures with prot. class	Approval marks – approval	EEI – Energy Label
QTP5 1X14...35	EOL T.2	I / II	VDE / VDE-EMC / CE / ENEC 10	A2 BAT
QTP5 1X49	EOL T.2	I / II	VDE / VDE-EMC / ENEC 10 / CE	A2 BAT
QTP5 1X80	EOL T.2	I / II	VDE / VDE-EMC / ENEC 10 / CE	A2 BAT
QTP5 2X14...35	EOL T.2	I / II	VDE / VDE-EMC / CE / ENEC 10	A2 BAT

## Product family datasheet

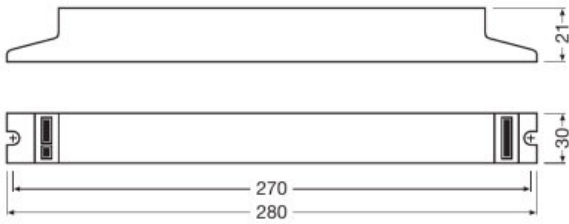
Product description	Capabilities		Certificates & standards	
	End of lamp life safety shutdown	Suitable for fixtures with prot. class	Approval marks – approval	EEI – Energy Label
QTP5 2X49	EOL T.2	I / II	VDE / VDE-EMC / ENEC 10 / CE	A2 BAT
QTP5 3X14,4X14	EOL T.2	I / II	VDE / VDE-EMC / ENEC 10 / CE	A2 BAT

Product description	Protection class	Logistical data
		Commodity code
QTP5 1X14...35	III	850410809000
QTP5 1X49	III	850410809000
QTP5 1X80	III	850410809000
QTP5 2X14...35	III	850410809000
QTP5 2X49	III	850410809000
QTP5 3X14,4X14	III	850410809000

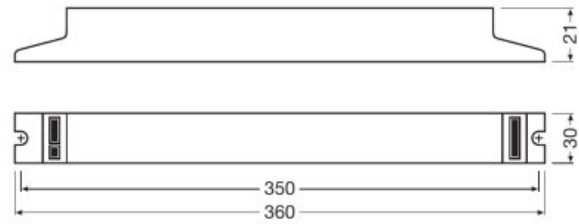
1) If there is a temporary interruption in the power supply (< 0.5 s), the lamp will start within 0.3 s

2) At  $T_{case} = 65^{\circ}C$  at  $T_c$  point / 10% failure rate

## Product family datasheet



505780\_QTP5 1x 14, 1x49



505257\_QTP5 1x80 and QTP5 2x14-49

### Application advice

For more detailed application information and graphics please see product datasheet.

### Sales and Technical Support























Sales and Technical Support [www.osram.com](http://www.osram.com)

### Country specific information

Product description	Product code	METEL code	SEG-No.	STK number	UK Org
QTP5 1X14...35	4008321329035	OSRQTP51X1435	-	4030205	-
QTP5 1X14...35	4008321329035	OSRQTP51X1435	-	4030205	-
QTP5 1X49	4008321329370	OSRQTP51X49	-	4030209	-
QTP5 1X49	4008321329370	OSRQTP51X49	-	4030209	-
QTP5 1X80	4008321329059	OSRQTP51X80	-	4030213	-
QTP5 1X80	4008321329059	OSRQTP51X80	-	4030213	-
QTP5 2X14...35	4008321329073	OSRQTP52X1435	-	4030206	-
QTP5 2X14...35	4008321329073	OSRQTP52X1435	-	4030206	-
QTP5 2X49	4008321329431	OSRQTP52X49	-	4030210	-
QTP5 2X49	4008321329431	OSRQTP52X49	-	4030210	-
QTP5 3X14,4X14	4008321484598	OSRQTP534X14	-	4030029	-
QTP5 3X14,4X14	4008321484598	OSRQTP534X14	-	4030029	-

### Download Data

## Product family datasheet

File	
	Product Datasheet 321531_ATI QTP5 1x14-35 (G+GB)
	Product Datasheet 334048_QUICKTRONIC PROFESSIONAL &#150; QTP5
	Product Datasheet 502688_ECG lifetime - QUICKTRONIC non DIM
	Certificates 335002_EMC-Marks approval
	Certificates 335097_INOTEC
	Certificates 335098_CEAG
	Certificates 335101_ENEC-VDE-Marks approval
	Certificates 335128_VDE Quality Tested Simplified luminaire approbation
	Certificates 335169_Manufacturer's declaration &#150; LampECG combinations: Frequent switching
	Certificates 592319_EAC certificate for Quicktronics QT
	Certificates 504210_VDE-EMC-Certificate QT5
	Declarations of conformity Quicktronic CE 3364256 090421
	CAD data 3-dim 322169_QTP5 1x14-35, QTP5 1x24-39, QTP5 1x49, QTP5 1X54
	CAD data 3-dim 322170_QTP5 1x14-35, QTP5 1x24-39, QTP5 1x49, QTP5 1X54
	CAD data PDF 322176_QTP5 1x14-35, QTP5 1x24-39, QTP5 1x49, QTP5 1X54
	Product Datasheet 321536_ATI QTP5 1x49 (G+GB)
	CAD data 3-dim 313485_360x30x21 9900024
	CAD data 3-dim 313490_360x30x21 9900024
	CAD data 3-dim 314282_360x30x21 9900024
	CAD data PDF 313392_360x30x21 9900024
	Product Datasheet 321542_ATI QTP5 3X14,4X14 (G+GB)
	CAD data 3-dim 322171_QTP5 3X14,4X14

## Product family datasheet



CAD data 3-dim  
322172\_QTP5 3X14,4X14



CAD data PDF  
322177\_QTP5 3X14,4X14

### Ecodesign regulation information:

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321329035	QTP5 1X14...35	Shipping carton box 20	303 mm x 101 mm x 159 mm	4.87 dm <sup>3</sup>	3586.00 g
4008321329370	QTP5 1X49	Shipping carton box 20	322 mm x 98 mm x 167 mm	5.27 dm <sup>3</sup>	3949.00 g
4008321329059	QTP5 1X80	Shipping carton box 20	370 mm x 96 mm x 170 mm	6.04 dm <sup>3</sup>	5520.00 g
4008321329073	QTP5 2X14...35	Shipping carton box 20	370 mm x 96 mm x 170 mm	6.04 dm <sup>3</sup>	4900.00 g
4008321329431	QTP5 2X49	Shipping carton box 20	392 mm x 98 mm x 165 mm	6.34 dm <sup>3</sup>	5519.99 g
4008321484598	QTP5 3X14,4X14	Shipping carton box 20	304 mm x 115 mm x 171 mm	5.98 dm <sup>3</sup>	4475.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

### Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.