

## QT-FIT8 2X36

QUICKTRONIC FIT 8 | ECG for FL 26 mm



### Areas of application

- Open-plan offices, corridors and storage rooms
- Public buildings
- Strip lighting
- Suitable for emergency lighting (DC operation)
- Suitable for luminaires of protection class I

### Product benefits

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

### Product features

- Supply voltage: 220...240 V
- Line voltage: 198...264 V
- Line frequency: 50 Hz | 60 Hz
- Lamp start with optimum filament preheating
- Energy Efficiency Index EEI: A2
- Automatic shutdown of defective lamps and at end of life (EoL T.2)
- Lamp operation: to EN 60929
- Safety: to EN 61347-2-3

# Product datasheet

## Technical data

### Electrical data

Input voltage AC	198...264 V
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Input voltage DC	185...264 V <sup>1)</sup>
Operating frequency	40...50 kHz
Max. ECG no. on circuit breaker 10 A (B)	8 <sup>2)</sup>
Max. ECG no. on circuit breaker 16 A (B)	13 <sup>2)</sup>
Inrush current	15 A

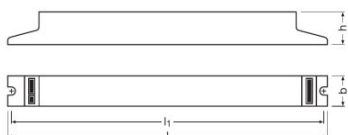
<sup>1)</sup> Minimum voltage for lamp ignition: 198 V, 185...198 V for maximum 1 h

<sup>2)</sup> Type B

### Light technical data

Starting time	2.0 s
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### Dimensions & weight



Length	360.0 mm
Width	30.0 mm
Height	28.0 mm
Mounting hole spacing, length	350.0 mm
Product weight	229.00 g
Cable cross-section, output side	0.5...1.5 mm <sup>2</sup> <sup>1)</sup>
Cable cross-section, input side	0.5...1.5 mm <sup>2</sup> <sup>1)</sup>

<sup>1)</sup> Solid leads

### Temperatures & operating conditions

Ambient temperature range	-15...+50 °C
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## Product datasheet

Permitted rel. humidity during operation	5...85 %
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### Lifespan

ECG lifetime	50000 h <sup>1)</sup>
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<sup>1)</sup> At maximum T<sub>c</sub> / 10% failure rate

### Expected Lifetime

Product name	Lamp group				
QT-FIT8 2X36	L 36 W	ECG ambient temperature [ta]	40	50	60
		Temperature at tc-point [°C]	55	60	70
		Lifetime [h]	100000	90000	50000

### Capabilities

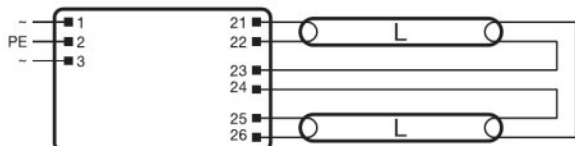
Suitable for fixtures with prot. class	I
End of lamp life safety shutdown	EOL T.2

### Certificates & standards

Approval marks – approval	VDE / VDE-EMC / ENEC 10 / CE
EEI – Energy Label	A2
Standards	Acc. to EN 61347-2-3/Acc. to EN 60929/Acc. to EN 55015:2006 + A1:2007/Acc. to EN 61000-3-2/Acc. to EN 61547
Protection class	I
Type of protection	IP20

### Wiring Diagram

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Wiring diagram







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### Download Data

File	
	Product Datasheet 321438_ATI QT-FIT8 2x36 (G+GB)
	Product Datasheet 502688_ECG lifetime - QUICKTRONIC non DIM
	Product Family Datasheet 336477_Family data sheet QT-FIT8
	Brochures 333871_LUMILUX ES and OSRAM DULUX D ES &#150; Take a good look at
	Certificates 334974_ENEC-Marks approval
	Certificates 335097_INOTEC
	Certificates 335150_CEAG
	Certificates 335169_Manufacturer's declaration &#150; LampECG combinations: Frequent switching
	Certificates 592319_EAC certificate for Quicktronics QT
	Certificates 504209_VDE-EMC-Certificate QT-Fit8

## Product datasheet

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	Declarations of conformity 334775_Declaration of conformity
	Operating instructions 590720_EAC QT-FIT8
	CAD data 3-dim 316108_QUICKTRONIC QT-FIT8 360x30x28 9900051
	CAD data 3-dim 316109_QUICKTRONIC QT-FIT8 360x30x28 9900051
	CAD data 3-dim 316110_QUICKTRONIC QT-FIT8 360x30x28 9900051
	CAD data PDF 316101_QUICKTRONIC QT-FIT8 360x30x28 9900051

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### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321294265	QT-FIT8 2X36	Shipping carton box 20	383 mm x 132 mm x 159 mm	8.04 dm <sup>3</sup>	4831.00 g

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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.

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### Disclaimer

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

## QT-FIT8 2X36

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Product name	Lamp group	Nominal current	Nominal wattage + Power loss	Luminous flux at 35 °C	Number of lighting outlets
QT-FIT8 2X36	L 32 W ES	0.296 A	64.00 W	2500 lm	2
	L 36 W	0.32 A	71.00 W	3200 lm	2
	L 36 W XT	0.32 A	71.00 W	3200 lm	2
	L 58 W XT	0.32 A	71.00 W	3200 lm	2