

PRODUCT DATASHEET

QT-FIT8 2X58...70

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 FAMILY 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 FAMILY 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

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 ¹⁾
Operating frequency	40...50 kHz
Max. ECG no. on circuit breaker 10 A (B)	8 ²⁾
Max. ECG no. on circuit breaker 16 A (B)	13 ²⁾
Inrush current	15 A

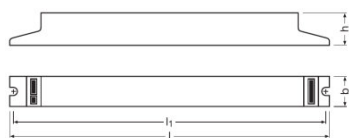
¹⁾ Minimum voltage for lamp ignition: 198 V, 185...198 V for maximum 1 h

²⁾ 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	264.00 g
Cable cross-section, output side	0.5...1.5 mm ² ¹⁾
Cable cross-section, input side	0.5...1.5 mm ² ¹⁾

¹⁾ Solid leads

Temperatures & operating conditions

Ambient temperature range	-15...+50 °C
Permitted rel. humidity during operation	5...85 % ¹⁾

¹⁾ Maximum 56 days/year at 85 %

Lifespan

ECG lifetime	50000 h ¹⁾
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¹⁾ At maximum T_c / 10% failure rate

Expected Lifetime

Product name	Lamp group				
QT-FIT8 2X58...70	L 58 W	ECG ambient temperature [ta]	40	50	60
		Temperature at tc-point [°C]	60	65	-
		Lifetime [h]	100000	60000	-

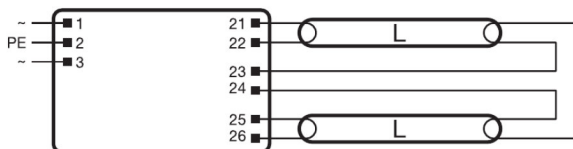
Capabilities

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



Wiring diagram

DOWNLOAD DATA

File	
	Product Datasheet 321439_ATI QT-FIT8 2x58 (G+GB)
	Product Family Datasheet 336477_Family data sheet QT-FIT8
	Brochures 333871_LUMILUX ES and OSRAM DULUX D ES – Take a good look at
	Certificates 554891_EAC PT family
	Certificates 334974_ENEC-Marks approval
	Certificates 335097_INOTEC
	Certificates 335150_CEAG
	Certificates 335169_Manufacturer's declaration – LampECG combinations: Frequent switching
	Certificates 642694_VDE-Certificate QT-FIT8 1x2x58-70
	Certificates 504209_VDE-EMC-Certificate QT-Fit8
	Declarations of conformity 339525_Declaration of Conformity (GB)

	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

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4052899151949	Shipping carton box 20	383 mm x 159 mm x 132 mm	5442.00 g	8.04 dm ³

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.

QUICKTRONIC FIT 8 | ECG for FL 26 mm

Product name	Lamp group	Nominal current	Nominal wattage + Power loss	Luminous flux at 35 °C	Number of lighting outlets
QT-FIT8 2X58...70	L 51 W ES	0.43 A	96.00 W	4200 lm	2
	L 58 W	0.48 A	109.00 W	5000 lm	2
	L 70 W	0.55 A	124.00 W	5900 lm	2