

## QT-FIT8 2X58...70

QUICKTRONIC FIT 8 | ECG for FL 26 mm



### 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

### 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

### 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 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>
Maximum output power	2 x 70 W
Efficiency in full-load	91 % <sup>2)</sup>
Operating frequency	40...50 kHz
Max. ECG no. on circuit breaker 10 A (B)	8 <sup>3)</sup>
Max. ECG no. on circuit breaker 16 A (B)	13 <sup>3)</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> at 230 V, 50 Hz

<sup>3)</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	264.00 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

## Product datasheet

### Temperatures & operating conditions

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

<sup>1)</sup> Maximum 56 days/year at 85 %

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

### Additional product data

Suitable for lamp power (2 lamps)	58...70 W
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### Capabilities

Suitable for fixtures with prot. class	I
End of lamp life safety shutdown	EOL T.2
Max. cable length to lamp/LED module	2.0 m / 1.0 m
Dimmable	No
Intended for no-load operation	No

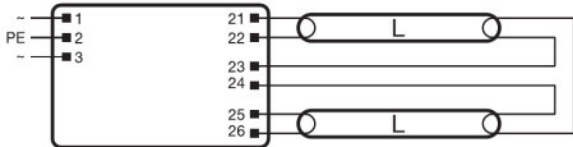
### Certificates & standards

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

### Logistical data

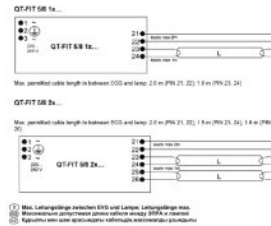
Commodity code	850410809000
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Wiring Diagram



QUICKTRONIC® FIT T5/T8

Series	QT-FIT8 1x58-8	QT-FIT8 1x58-8	QT-FIT8 2x58-8	QT-FIT8 2x58-8
LED	17 x	17 x	16 x	16 x
LED length	8 710 ± 0.1 mm	8 710 ± 0.1 mm	8 710 ± 0.1 mm	8 710 ± 0.1 mm
LED pitch	50 ± 0.1 mm	50 ± 0.1 mm	50 ± 0.1 mm	50 ± 0.1 mm
LED power	1.1 W	1.1 W	1.1 W	1.1 W
LED current	1.1 A	1.1 A	1.1 A	1.1 A
LED voltage	3.0 V	3.0 V	3.0 V	3.0 V
LED type	3030	3030	3030	3030
LED color	White	White	White	White
LED color temperature	4000 K	4000 K	4000 K	4000 K
LED beam angle	120°	120°	120°	120°
LED beam diameter	10 mm	10 mm	10 mm	10 mm
LED beam diameter at 10m	1.0 m	1.0 m	1.0 m	1.0 m
LED beam diameter at 20m	2.0 m	2.0 m	2.0 m	2.0 m
LED beam diameter at 30m	3.0 m	3.0 m	3.0 m	3.0 m
LED beam diameter at 40m	4.0 m	4.0 m	4.0 m	4.0 m
LED beam diameter at 50m	5.0 m	5.0 m	5.0 m	5.0 m
LED beam diameter at 60m	6.0 m	6.0 m	6.0 m	6.0 m
LED beam diameter at 70m	7.0 m	7.0 m	7.0 m	7.0 m
LED beam diameter at 80m	8.0 m	8.0 m	8.0 m	8.0 m
LED beam diameter at 90m	9.0 m	9.0 m	9.0 m	9.0 m
LED beam diameter at 100m	10.0 m	10.0 m	10.0 m	10.0 m
LED beam diameter at 110m	11.0 m	11.0 m	11.0 m	11.0 m
LED beam diameter at 120m	12.0 m	12.0 m	12.0 m	12.0 m
LED beam diameter at 130m	13.0 m	13.0 m	13.0 m	13.0 m
LED beam diameter at 140m	14.0 m	14.0 m	14.0 m	14.0 m
LED beam diameter at 150m	15.0 m	15.0 m	15.0 m	15.0 m
LED beam diameter at 160m	16.0 m	16.0 m	16.0 m	16.0 m
LED beam diameter at 170m	17.0 m	17.0 m	17.0 m	17.0 m
LED beam diameter at 180m	18.0 m	18.0 m	18.0 m	18.0 m
LED beam diameter at 190m	19.0 m	19.0 m	19.0 m	19.0 m
LED beam diameter at 200m	20.0 m	20.0 m	20.0 m	20.0 m
LED beam diameter at 210m	21.0 m	21.0 m	21.0 m	21.0 m
LED beam diameter at 220m	22.0 m	22.0 m	22.0 m	22.0 m
LED beam diameter at 230m	23.0 m	23.0 m	23.0 m	23.0 m
LED beam diameter at 240m	24.0 m	24.0 m	24.0 m	24.0 m
LED beam diameter at 250m	25.0 m	25.0 m	25.0 m	25.0 m
LED beam diameter at 260m	26.0 m	26.0 m	26.0 m	26.0 m
LED beam diameter at 270m	27.0 m	27.0 m	27.0 m	27.0 m
LED beam diameter at 280m	28.0 m	28.0 m	28.0 m	28.0 m
LED beam diameter at 290m	29.0 m	29.0 m	29.0 m	29.0 m
LED beam diameter at 300m	30.0 m	30.0 m	30.0 m	30.0 m
LED beam diameter at 310m	31.0 m	31.0 m	31.0 m	31.0 m
LED beam diameter at 320m	32.0 m	32.0 m	32.0 m	32.0 m
LED beam diameter at 330m	33.0 m	33.0 m	33.0 m	33.0 m
LED beam diameter at 340m	34.0 m	34.0 m	34.0 m	34.0 m
LED beam diameter at 350m	35.0 m	35.0 m	35.0 m	35.0 m
LED beam diameter at 360m	36.0 m	36.0 m	36.0 m	36.0 m
LED beam diameter at 370m	37.0 m	37.0 m	37.0 m	37.0 m
LED beam diameter at 380m	38.0 m	38.0 m	38.0 m	38.0 m
LED beam diameter at 390m	39.0 m	39.0 m	39.0 m	39.0 m
LED beam diameter at 400m	40.0 m	40.0 m	40.0 m	40.0 m
LED beam diameter at 410m	41.0 m	41.0 m	41.0 m	41.0 m
LED beam diameter at 420m	42.0 m	42.0 m	42.0 m	42.0 m
LED beam diameter at 430m	43.0 m	43.0 m	43.0 m	43.0 m
LED beam diameter at 440m	44.0 m	44.0 m	44.0 m	44.0 m
LED beam diameter at 450m	45.0 m	45.0 m	45.0 m	45.0 m
LED beam diameter at 460m	46.0 m	46.0 m	46.0 m	46.0 m
LED beam diameter at 470m	47.0 m	47.0 m	47.0 m	47.0 m
LED beam diameter at 480m	48.0 m	48.0 m	48.0 m	48.0 m
LED beam diameter at 490m	49.0 m	49.0 m	49.0 m	49.0 m
LED beam diameter at 500m	50.0 m	50.0 m	50.0 m	50.0 m
LED beam diameter at 510m	51.0 m	51.0 m	51.0 m	51.0 m
LED beam diameter at 520m	52.0 m	52.0 m	52.0 m	52.0 m
LED beam diameter at 530m	53.0 m	53.0 m	53.0 m	53.0 m
LED beam diameter at 540m	54.0 m	54.0 m	54.0 m	54.0 m
LED beam diameter at 550m	55.0 m	55.0 m	55.0 m	55.0 m
LED beam diameter at 560m	56.0 m	56.0 m	56.0 m	56.0 m
LED beam diameter at 570m	57.0 m	57.0 m	57.0 m	57.0 m
LED beam diameter at 580m	58.0 m	58.0 m	58.0 m	58.0 m
LED beam diameter at 590m	59.0 m	59.0 m	59.0 m	59.0 m
LED beam diameter at 600m	60.0 m	60.0 m	60.0 m	60.0 m
LED beam diameter at 610m	61.0 m	61.0 m	61.0 m	61.0 m
LED beam diameter at 620m	62.0 m	62.0 m	62.0 m	62.0 m
LED beam diameter at 630m	63.0 m	63.0 m	63.0 m	63.0 m
LED beam diameter at 640m	64.0 m	64.0 m	64.0 m	64.0 m
LED beam diameter at 650m	65.0 m	65.0 m	65.0 m	65.0 m
LED beam diameter at 660m	66.0 m	66.0 m	66.0 m	66.0 m
LED beam diameter at 670m	67.0 m	67.0 m	67.0 m	67.0 m
LED beam diameter at 680m	68.0 m	68.0 m	68.0 m	68.0 m
LED beam diameter at 690m	69.0 m	69.0 m	69.0 m	69.0 m
LED beam diameter at 700m	70.0 m	70.0 m	70.0 m	70.0 m
LED beam diameter at 710m	71.0 m	71.0 m	71.0 m	71.0 m
LED beam diameter at 720m	72.0 m	72.0 m	72.0 m	72.0 m
LED beam diameter at 730m	73.0 m	73.0 m	73.0 m	73.0 m
LED beam diameter at 740m	74.0 m	74.0 m	74.0 m	74.0 m
LED beam diameter at 750m	75.0 m	75.0 m	75.0 m	75.0 m
LED beam diameter at 760m	76.0 m	76.0 m	76.0 m	76.0 m
LED beam diameter at 770m	77.0 m	77.0 m	77.0 m	77.0 m
LED beam diameter at 780m	78.0 m	78.0 m	78.0 m	78.0 m
LED beam diameter at 790m	79.0 m	79.0 m	79.0 m	79.0 m
LED beam diameter at 800m	80.0 m	80.0 m	80.0 m	80.0 m
LED beam diameter at 810m	81.0 m	81.0 m	81.0 m	81.0 m
LED beam diameter at 820m	82.0 m	82.0 m	82.0 m	82.0 m
LED beam diameter at 830m	83.0 m	83.0 m	83.0 m	83.0 m
LED beam diameter at 840m	84.0 m	84.0 m	84.0 m	84.0 m
LED beam diameter at 850m	85.0 m	85.0 m	85.0 m	85.0 m
LED beam diameter at 860m	86.0 m	86.0 m	86.0 m	86.0 m
LED beam diameter at 870m	87.0 m	87.0 m	87.0 m	87.0 m
LED beam diameter at 880m	88.0 m	88.0 m	88.0 m	88.0 m
LED beam diameter at 890m	89.0 m	89.0 m	89.0 m	89.0 m
LED beam diameter at 900m	90.0 m	90.0 m	90.0 m	90.0 m
LED beam diameter at 910m	91.0 m	91.0 m	91.0 m	91.0 m
LED beam diameter at 920m	92.0 m	92.0 m	92.0 m	92.0 m
LED beam diameter at 930m	93.0 m	93.0 m	93.0 m	93.0 m
LED beam diameter at 940m	94.0 m	94.0 m	94.0 m	94.0 m
LED beam diameter at 950m	95.0 m	95.0 m	95.0 m	95.0 m
LED beam diameter at 960m	96.0 m	96.0 m	96.0 m	96.0 m
LED beam diameter at 970m	97.0 m	97.0 m	97.0 m	97.0 m
LED beam diameter at 980m	98.0 m	98.0 m	98.0 m	98.0 m
LED beam diameter at 990m	99.0 m	99.0 m	99.0 m	99.0 m
LED beam diameter at 1000m	100.0 m	100.0 m	100.0 m	100.0 m



319608\_QT FIT8 2x..





590720\_EAC QT-FIT8

Download Data

File
Product Datasheet 321439_ATI QT-FIT8 2x58 (G+GB)
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 642694_VDE-Certificate QT-FIT8 1x2x58-70
Certificates 504209_VDE-EMC-Certificate QT-Fit8
Declarations of conformity Quicktronic CE 3364256 090421

## Product datasheet

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	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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### 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.

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### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899151932	QT-FIT8 2X58...70	Shipping carton box 20	383 mm x 159 mm x 132 mm	8.04 dm <sup>3</sup>	5442.00 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 2X58...70

QUICKTRONIC FIT 8 | ECG for FL 26 mm

Product name	Lamp group	Nominal current	Nominal wattage + Power loss	Power factor $\lambda$ [PIM]	Luminous flux at 35 °C	Number of lighting outlets
QT-FIT8 2X58...70	L 58 W	0.48 A	109.00 W	0.98	5000 lm	2