

# PRODUCT DATASHEET QTP-FC 1X55

# QUICKTRONIC® | ECG for circular FL 16 mm



#### Areas of application

- Emergency lighting systems acc. to EN 50172 / DIN VDE 0108-100
- Open-plan offices, corridors and storage rooms
- Public buildings
- 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
- Separate installations thanks to optional cable clamp for K2 and K3 casings
- VDE/VDE EMC certified system

### Product 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

July 19, 2025, 08:22:46 QTP-FC 1X55 © 2025, products of OSRAM GmbH, distributed by LEDVANCE GmbH. All rights reserved. Page 1 of 5

- Energy Efficiency Index EEI: A2 BAT
- Automatic shutdown of defective lamps and at end of life (EoL)
- Lamp operation: to EN 60929
- Safety: to EN 61347-2-3

## TECHNICAL DATA

## Electrical data

Nominal wattage	59.00 W
Nominal voltage	220240 V
Input voltage AC	198264 V
Input voltage DC	176276 V
U-OUT (working voltage)	430 V
Mains frequency	50/60 Hz
Max. ECG no. on circuit breaker 10 A (B)	11 <sup>1)</sup>
Max. ECG no. on circuit breaker 16 A (B)	19 <sup>1)</sup>
Operating frequency	4050 kHz

1 s

1) <sub>Type B</sub>

# Light technical data

# **Dimensions & Weight**



Length	103.00 mm
Mounting hole spacing, length	94,0 mm
Width	67.00 mm
Height	31.00 mm
Cable cross-section, input side	0.51.5 mm <sup>2</sup>
Cable cross-section, output side	0.51.5 mm <sup>2</sup>
Product weight	135.00 g

#### Colors & materials

Casing material	Metal
Body material	Metal

# Temperatures & operating conditions

Ambient temperature range	-20+50 °C
Maximum temperature at tc test point	75 °C
Max.housing temperature in case of fault	110 °C
Permitted rel. humidity during operation	585 % <sup>1)</sup>

1) Maximum 56 days/year at 85 %

## Lifespan

ECG lifetime 50	0000 h <sup>1)</sup>
-----------------	----------------------

1) At  $T_{case}$  = 75°C at  $T_{c}$  point / 10% failure rate

## Capabilities

Dimmable	No
Max. cable length to lamp/LED module	2.0 m / 1.0 m
Suitable for fixtures with prot. class	1711
End of lamp life safety shutdown	EOL T.2

## **Certificates & Standards**

Approval marks – approval	VDE / VDE-EMC / ENEC 10 / GOST / RCM	
Standards	Acc. to EN 61347-2-3/IEC 61347-2-3 / Acc. to EN 55015:2006 + A1:2007/CISPR 15 / Acc. to EN 61000-3-2/IEC 61000-3-2 / Acc. to EN 61547/IEC 61547	
Protection class	I/II	
Type of protection	IP20	
Energy efficiency class	A2	
EEI – Energy Label	A2 BAT	

# LOGISTICAL DATA

Temperature range at storage	-40+85 °C
------------------------------	-----------

# DOWNLOAD DATA

	Documents and certificates	Document name
POF	User instruction / safety instructions	596699_EAC QTP-FC
PDF	User instruction / safety instructions	334142_Technical guide - ECGs for T5-lamps
PDF	Declarations of conformity	334858_Declaration of conformity – QTP-FC
POF	Certificates	335101_ENEC-VDE-Marks approval

# LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321537041	Unpacked 1		135.00 g	
4008321537058	Shipping box 20	355 mm x 96 mm x 220 mm	3240.33 g	7.50 dm <sup>3</sup>

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.