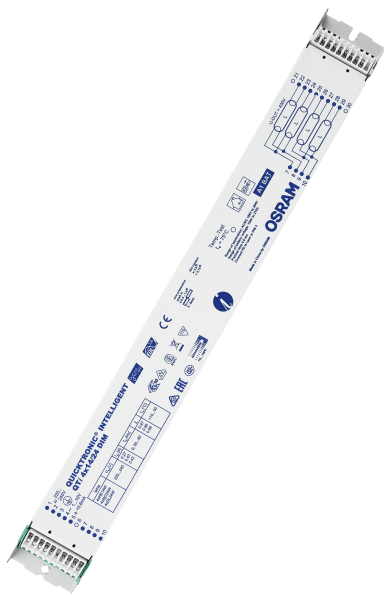


PRODUCT DATASHEET

QTi 4X14/24 DIM

DAMP PROOF EMERGENCY | Damp-proof luminaires, classic shape with integrated emergency lighting function



Areas of application

- Suitable for emergency installations
- Industry
- Open-plan offices, corridors and storage rooms
- Public buildings
- Suitable for luminaires of protection class I

Product benefits

- Same luminous flux with direct and alternating current
- Perfect lamp start for applications with motion sensors
- Dimming of amalgam lamps without flickering or reduced lifespan
- Very high efficiency thanks to cut-off technology
- Automatic restart after lamp replacement
- ECGs comply with MINERGIE standard due to very low standby consumption
- Configurable emergency power characteristics

Product features

- Control via 1...10 V interface
- Supply voltage: 220...240 V
- Line frequency: 0 Hz | 50 Hz | 60 Hz

- Line voltage: 198...264 V
- Dimming range: 1...100 % luminous flux
- Lamp start: within 0.6 s
- Lifetime: > 100,000 h (for T = 65 °C at T₀)
- Automatic shutdown of defective lamps and at end of life (EoL T.2)
- Energy Efficiency Index EEI: A1 BAT
- Overtemperature protection: Thermal management at high t_c temperatures
- Safety: to EN 61347-2-3
- Lamp operation: to EN 60929
- RI suppression: to EN 55015:2006+A1:2007+A2:2009/CISPR 15
- Line harmonics according to EN 61000-3-2
- Immunity according to EN 61547

TECHNICAL DATA

Electrical data

Nominal wattage	97.00 W
Nominal voltage	220...240 V
Mains frequency	50/60 Hz
Inrush current	45 A
Protection class	1
Dimming interface	1...10 V

Dimensions & Weight

Length	360.00 mm
Width	40.00 mm
Height	21.00 mm
Product weight	397.00 g

Materials & Colors

Body material	Metal
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	+10...+50 °C
Temperature range at storage	-40...+85 °C
Type of protection	IP20
Dimmable	Yes
Type of dimming	DALI
Dimming range	1...100 % ¹⁾

¹⁾ Luminous flux

Light source

EEI – Energy Label	A1 BAT
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Control gear

ECG lifetime	100000 h ¹⁾
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¹⁾ At T_{case} = 65 °C at T_c point / 10 % failure rate

Certificates & Standards

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
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DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	493509_Technical application guide QUICKTRONIC Intelligent DALI DIM (GB)
	User instruction / safety instructions	334142_Technical guide - ECGs for T5-lamps
	User instruction / safety instructions	592412_EAC QTl T5 DIM
	Declarations of conformity	334957_Declaration of conformity
	Certificates	335154_Manufacturer's declaration – EN 55015:2006+A1:2007 (300 MHz)
	Certificates	334953_EMC-Marks approval
	Certificates	335097_INOTEC
	Certificates	335125_ENEC/VDE-Marks approval
	Certificates	335135_Manufacturer's declaration – Burning-in of fluorescent lamps
	Certificates	335169_Manufacturer's declaration – Lamp/ECG combinations: Frequent switching
	Certificates	554891_EAC PT family
	Certificates	335153_Manufacturer's declaration – Low stand-by
	Certificates	504208_VDE-EMC-CERTIFICATE QTl DALI DIM
CAD/BIM files		Document name
	CAD data 3D PDF	321637_QTl 4x14/24/220-240 DIM

DISCLAIMER

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