

77
kWh/1000h

A
energy class

74
lumens/watt

Biax™ Q/E LongLast™ 4-pin

F70W QBX/T4/830/A/4P TU

93105991

Product information

The Biax™ Q/E, is a high output compact fluorescent lamp designed to fulfill customers' demand for higher lumen packages. The ultra compact energy saving Biax™ Q/E lamps with amalgam technology extend the application space of the innovative quadruple tube design. They can be used both in enclosed luminaires and outdoor applications without significant light loss.

Amalgam technology makes the Biax™ Q/E lamps suitable for use in any burning position with the same light output. The Biax™ Q/E lamps with a 4-pin electrical connection and without an internal starter are designed for high-frequency electronic ballasts.

Quadruple biaxial tubes

Application areas



Office



Industrial



Product data

Product Code	93105991
Bulb Shape	Oct plug-in
Bulb maximum overall diameter [mm]	58.3
Maximum Overall Length [mm]	208.2
Net weight per piece [g]	182
Gross weight per piece [g]	185
Operating position	U - Universal
Mercury Content [mg]	3
UV radiance	exempt
Brand	Tungsramp
Cap/Base	GX24q-6

Performance data

Colour Code	830
Rated Lumens [lm]	5200
Weighted energy consumption [kWh/1000h]	77.0
Energy efficiency class (EEC)	A
Rated Life [h]	20000
Rated median life on electronic (HF / ECG) ballast on IEC 12-hour cycle	20000
Rated median life on electronic (HF / ECG) ballast on IEC 3-hour cycle	17000
Nominal correlated colour temperature (CCT) [K]	3000
Nominal lumens [lm]	5200
Colour Rendering Index (CRI) [Ra]	82

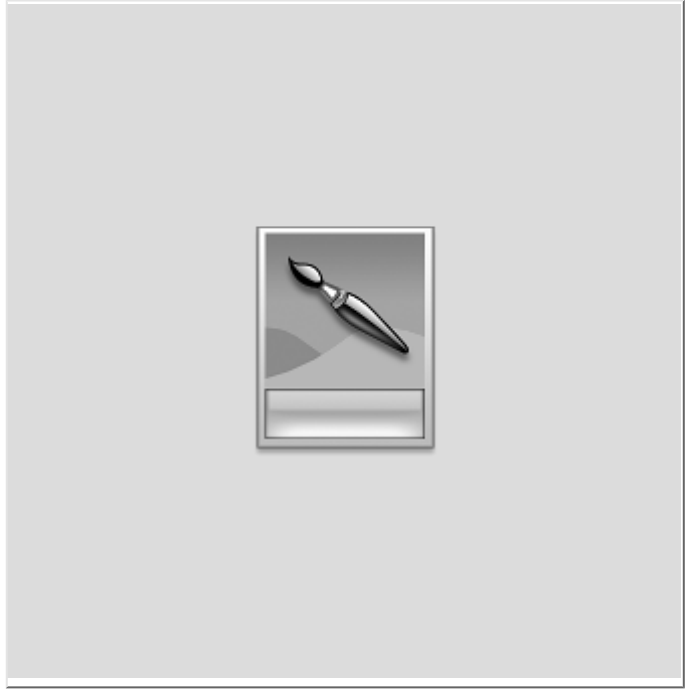
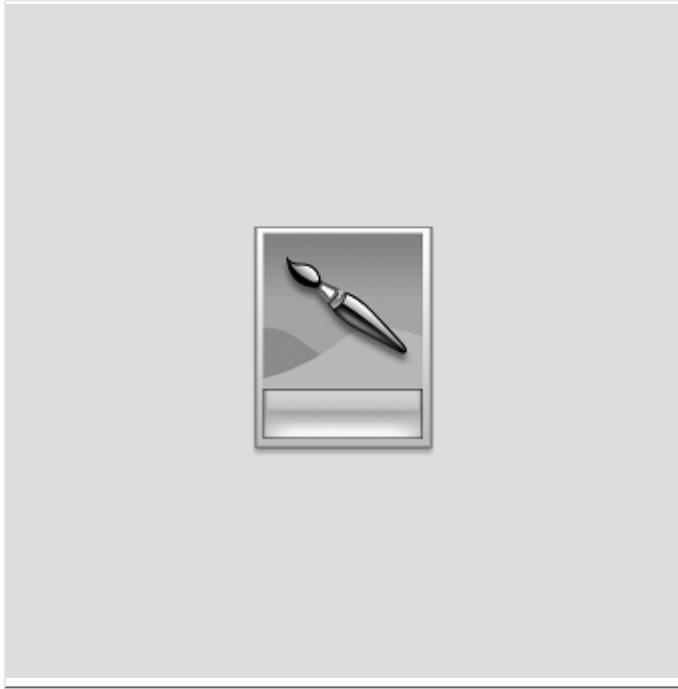
Electrical data

Rated power [W]	70.0
Operating Temperature (MIN) [°C]	-15
Starting ambient temperature range	-15
Dimming Capability	Yes
Nominal power [W]	70
Nominal lamp voltage [V]	219

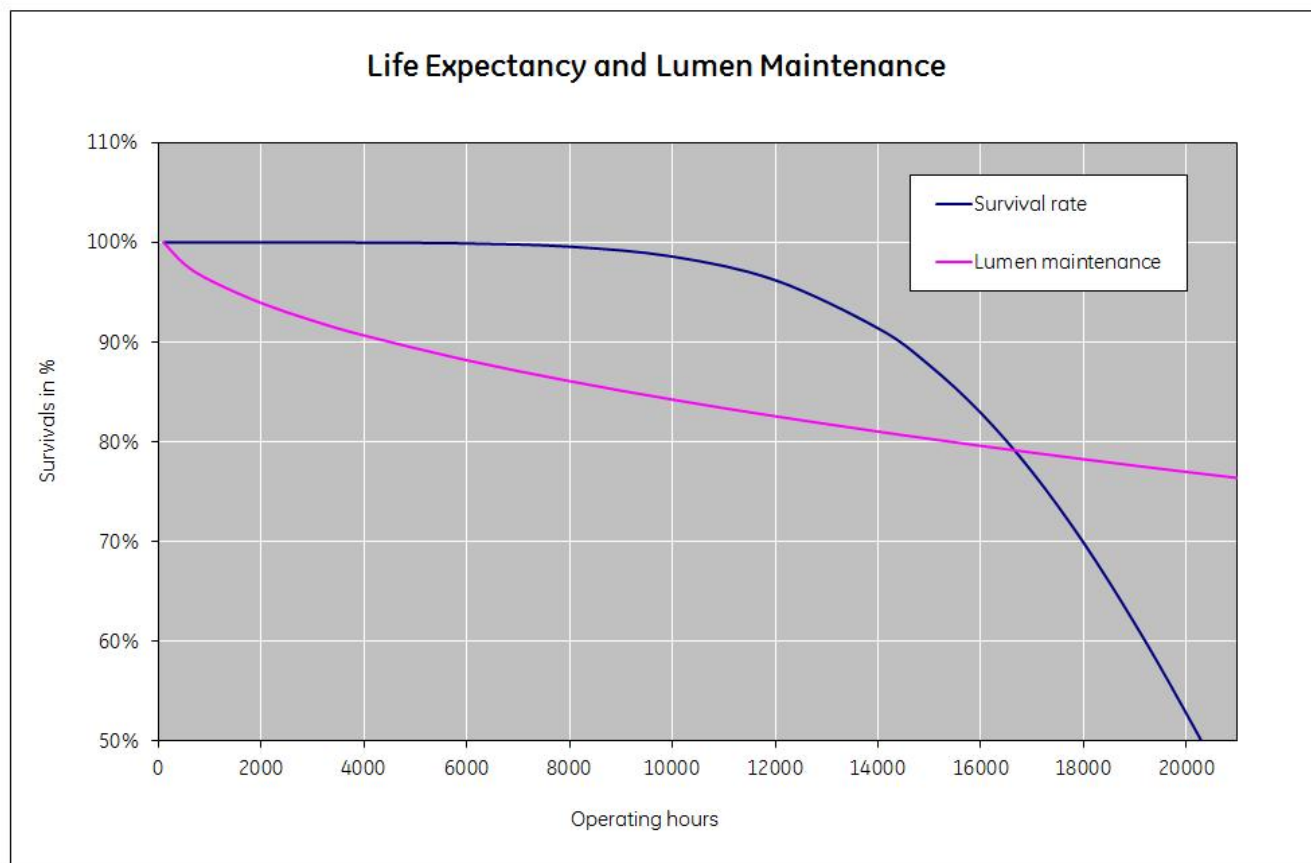
Logistic data

Shipment	Standard
DUN Code	15994100011351
EAN Code	5994100011354
Pack Quantity	10
Layer quantity	200 EUR, 260 UK
Layer quantity EUR	200
Layer quantity UK	260
Pallet quantity EUR (PC)	800
Pallet quantity UK (PC)	1040
Outer case size	311 x 131 x 234 (mm)
Product status	Available

Technical drawing



Survival data



Downloads & Links

[Go to the catalog site \(HTTP\)](#)

[CFL Non-Integrated Spectrum Catalogue \(PDF\)](#)

[Biax™ LongLast™ Lamps Brochure \(PDF\)](#)

[Biax™ Q/E Lamps Data sheet \(PDF\)](#)

[Lighting design tools & calculators \(HTTP\)](#)

[Lighting design tools & calculators \(HTTP\)](#)