



GE
Lighting



Biax™ D/E LongLast™ 4-
pin, External Starter Req.

F13DBX/T3/835/4P

78228

Product information

Biax™ D&D/E LongLast™ lamps are available in 10, 13, 18 and 26 watt ratings, 10 and 13W in T3 tube size, 18 and 26W in T4 tube size and ranging from 101mm to 174mm in length. Five colours are available in two-pin and four-pin caps. A high colour rendering index (CRI) of 82 gives rich, vibrant colour. The lamps are available in warm and cool colour temperatures suitable for a wide variety of environments.

Features

- Up to 80% energy saving versus normal incandescent lamps
- Lasts 10 times longer than standard incandescent lamps
- High colour rendering index – 82Ra
- Full range of colour temperatures—2700, 3000, 3500, 4000 and 6500K
- 4-pin lamps for use with electronic gear may be used with dimmers



Application areas

- Down lighting
 - Corridorlighting
 - Wall sconces in office buildings
 - Hotels/motels
 - Restaurants
 - Retail
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Product data

Cap/Base	G24q-1
Bulb Shape	Quad plug-in
Bulb maximum overall diameter [mm]	34.4
Maximum Overall Length [mm]	131.5
Net weight per piece [g]	38
Gross weight per piece [g]	93
Operating position	U - Universal
Mercury Content [mg]	3
UV radiance	exempt
Brand	General Electric (GE)
Energy efficiency class (EEC)	A

Performance data

Colour Code	835
Colour Rendering Index (CRI) [Ra]	82
Nominal correlated colour temperature (CCT) [K]	3500
Nominal lumens [lm]	900
Rated Life [h]	20000
Rated median life on electronic (HF) ballast on IEC 12-hour cycle	20000
Rated median life on electronic (HF) ballast on IEC 3-hour cycle	17000
Nominal power [W]	13
Weighted energy consumption [kWh/1000h]	13.75
Nominal lamp voltage [V]	91

Electrical data

Operating Temperature (MIN) [°C]	-15
Starting ambient temperature range	-15
Dimming Capability	Yes

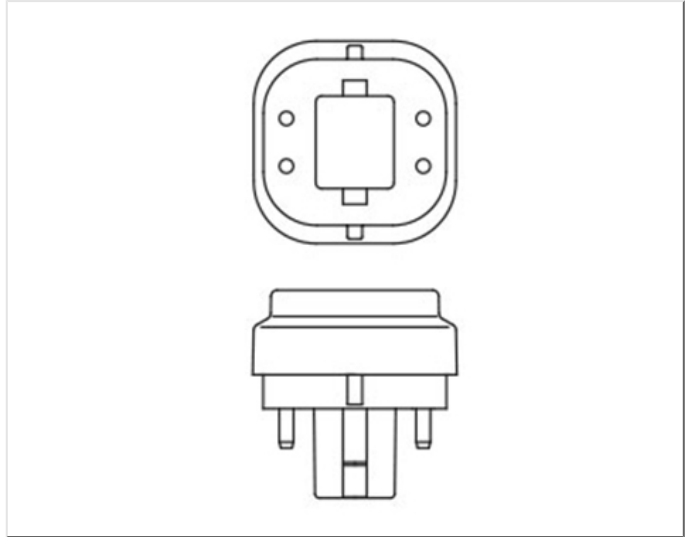
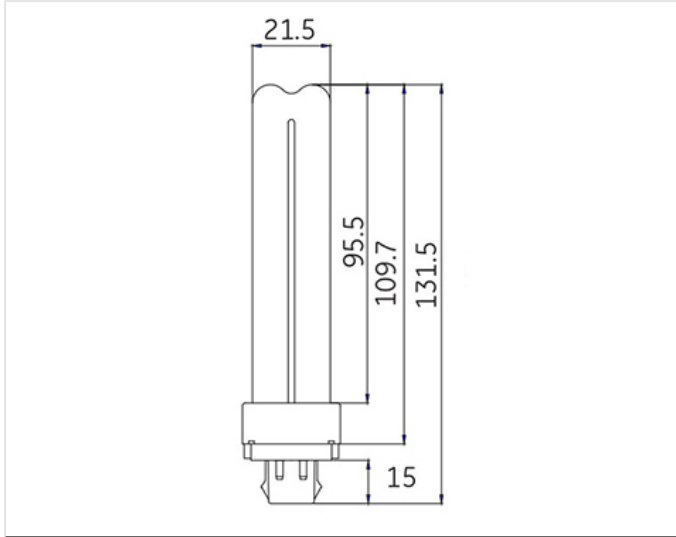
Logistic data

DUN Code	10043168782286
EAN Code	0043168982726
Pack Quantity	10
Inner pack type	BOX
Outer pack type	OUTER BOX
Layer quantity	600 EUR, 750 UK
Layer quantity EUR	600
Layer quantity UK	750
Pallet quantity EUR (PC)	4200
Pallet quantity UK (PC)	5250
Outer case size	192 x 82 x 155 (mm)
Product status	Available

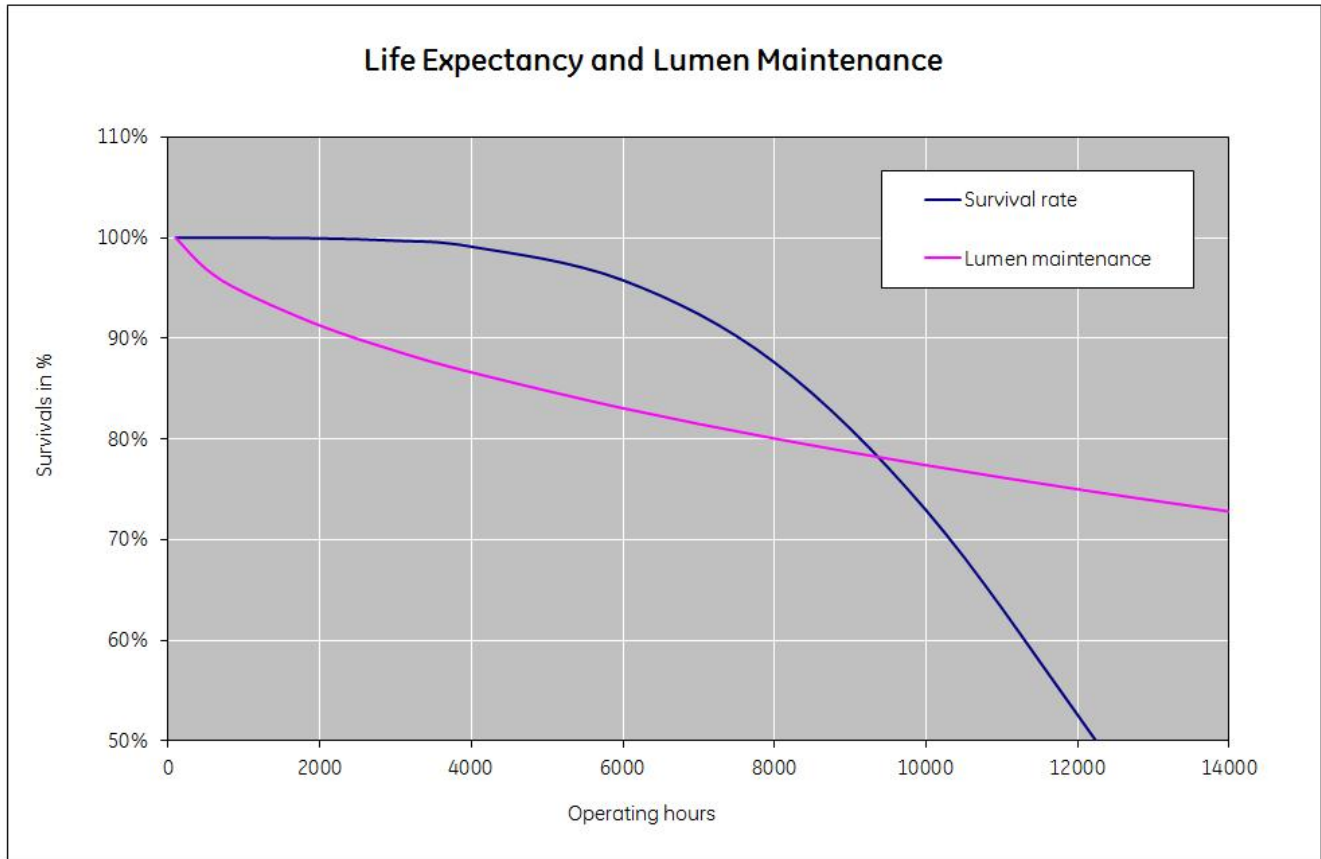
Application areas



Technical drawing



Survival Data



Downloads & Links

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

[Product family datasheet \(PDF\)](#)

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

[LongLast™ Biax™ D and D/E Data sheet \(PDF\)](#)

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

[Disposing and Cleaning of CFL Lamps \(HTTP\)](#)