



GE Lighting



## **Electronic Ballast for Biax™ Q/E Compact Fluorescent Lamps**

*The perfect match for reliability and performance*



### Quality of Light

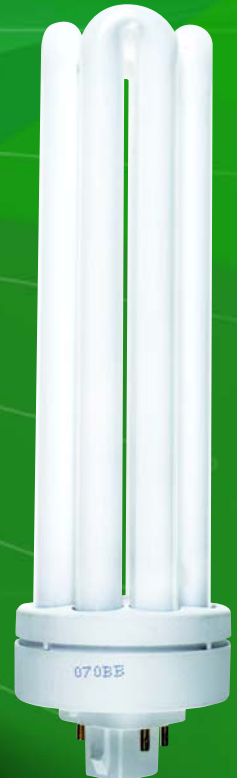
The 57W and 70W compact fluorescent lamps coupled with GE electronic ballasts provide flicker-free white light making colours brilliant and true. The right tone can be selected from a palette of five colour temperatures from 2700K to 5000K.

In addition, thanks to the quadruple-loop design, GE's Biax™ Q/E 57W and 70W lamps are the shortest ones in their class ensuring glare-free illumination.

Biax™ Q/E 57W



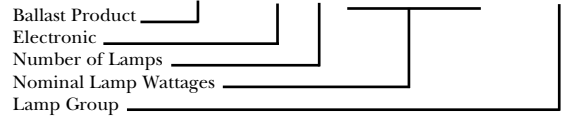
Biax™ Q/E 70W



## Ballast Identification

This diagram explains the way to break down our description so that you know at a glance the basic information about a particular model

## BLS/E/1x57-70W/QBX



## General Information

Nr of lamps	Lamp Watts	Volts	Product Description	Weight	Pack Qty	Product Code
1	57/70	220-240	BLS/E/1x57-70W/QBX	200 g	12	13248

## System Performance

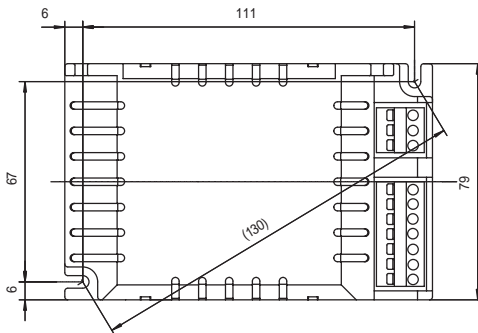
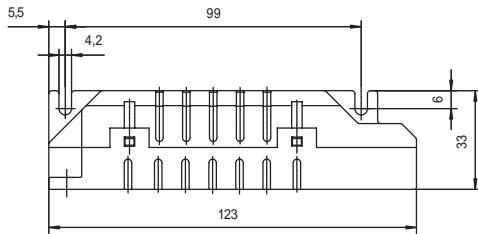
Nr of Lamps	Lamp Type	Initial Lumens	Lamp Power	Lamp Efficacy	System Power	System Efficacy	Colour Rendering	Input Current
	W	lm	W	lm/W	W	lm/W	Ra	A
1	57	4300	56.0	77	60.5	71	82	0.28...0.25
1	70	5200	70.0	74	75.5	69	82	0.35...0.31

## Technical Data

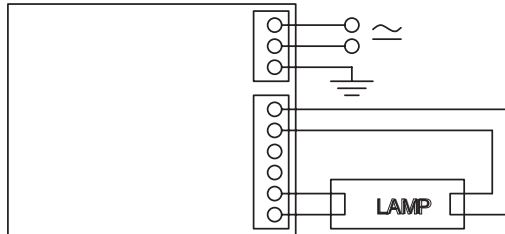
Mains voltage 220 ... 240V  
 Mains frequency 0/50 ... 60 Hz  
 Ambient temperature range -20 ... +50°C  
 Max case temperature,  $t_c$  65°C

Allowed mains voltage 198 ... 264V AC  
 198 ... 254V DC  
 Overvoltage protection < 320V AC for 48 h  
 < 350V AC for for 2 h  
 < 288V DC for 10 s

## Dimensions



## Circuitry



Terminal type push-in  
 Wire cross-section 0.75 ... 1.5 mm<sup>2</sup>

## Number of Ballasts per MCB

Type	Max Qty
B 10A	7
B 16A	12
C 10A	12
C 16A	20
K 10A	18
K 16A	30

## Lamp Selection Guide

Nominal Watts	Colour Temperature [K]	Product Description	Product Code	Overall Length [mm]	Cap Type	Average Life [h]	Pack Quality
57	2700	F57QBX/827/A/4P/EOL	48861	178	GX24q-5	12000	10
57	3000	F57QBX/830/A/4P/EOL	48862	178	GX24q-5	12000	10
57	3500	F57QBX/835/A/4P/EOL	48863	178	GX24q-5	12000	10
57	4000	F57QBX/840/A/4P/EOL	48864	178	GX24q-5	12000	10
57	5000	F57QBX/850/A/4P/EOL	93404	178	GX24q-5	12000	10
70	2700	F70QBX/827/A/4P/EOL	48865	208	GX24q-6	12000	10
70	3000	F70QBX/830/A/4P/EOL	48866	208	GX24q-6	12000	10
70	3500	F70QBX/835/A/4P/EOL	48867	208	GX24q-6	12000	10
70	4000	F70QBX/840/A/4P/EOL	48868	208	GX24q-6	12000	10
70	5000	F70QBX/850/A/4P/EOL	93406	208	GX24q-6	12000	10

## Compliance

Ballast is approved by VDE and complies with the relevant parts of the following standards  
 EN 60929, EN 61347-1, EN 61347-2-3, EN 61000-3-2, EN 61547, EN 55015



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 CFL QBX Electronic Ballast - Product Information for OEMs - August 2003