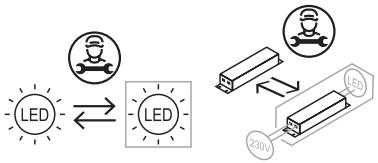
LED LAMP SPECIFICATIONS:	
Luminaire lumens(with diffuser)	**900 lm**
Lumens from chip (no diffuser)	**1455 lm**
Useful lumens	**790 lm**
Rated Wattage	12W
Rated luminous flux	790 lm
Nominal life time of the lamp	50,000 hrs
Colour temperature	3000K
Number of switching cycles before premature lamp failure	≥15,000
Warm-up time up to 60% of the full light output	Instant full light
Dimmable	No
Nominal beam angle	120°
Rated power	12W
Rated lamp lifetime	30,000 hrs
Displacement factor	≥0.9
Lumen maintenance factor at end of nominal life	≥0.8
Starting time	Instant full light
Colour rendering	≥80
Colour consistency	Within a six step Macadam ellipse
Rated peak intensity	230cd
Rated beam angle	120°
Voltage / Frequency	240V~50Hz
Lumen efficacy: 75 lm / W	
This product contains a Light Source of Energy Efficiency Class E	
Not suitable for accent lighting	



See website for more information on replacability and recycling

EVENTUALLY, YOU MAY WANT TO REPLACE THIS PRODUCT:

Regulations require the recycling of Waste from Electrical and Electronic Equipment (European "WEEE Directive" effective August 2005 — UK WEEE Regulations effective 2nd January 2007). Environment Agency Registered Producer: WEE/GA0248QZ.

WHEN YOUR PRODUCT COMES TO THE END OF ITS LIFE OR YOU CHOOSE TO REPLACE IT, PLEASE RECYCLE IT WHERE FACILITIES EXIST - DO NOT DISPOSE WITH HOUSEHOLD WASTE.

CLEANING:

Disconnect the power and clean the exterior only of this fitting with a soft dry cloth.

Do not use any chemical or abrasive cleaners.

IF YOU EXPERIENCE PROBLEMS:

If you believe your product is defective, please return it to the place where you bought it.

IP44

INSTALLATION INSTRUCTIONS

A guide for qualified electricians



Pack contents:
1 x Fitting
1 x Fixing kit

12W IP44 LED Ceiling Fitting

These instructions are provided as a guideline to assist you.

PLEASE READ THESE INSTRUCTIONS BEFORE INSTALLATION AND RETAIN FOR FUTURE REFERENCE

READ THIS FIRST:

Check the pack and make sure you have all of the parts listed on the front of this booklet. If not, contact the outlet where you bought this product.

This product contains glass, care must be taken when assembling, fitting or handling to prevent personal injury or damage to the product.

This product must be installed by a competent person in accordance with the current building and IEE wiring regulations.

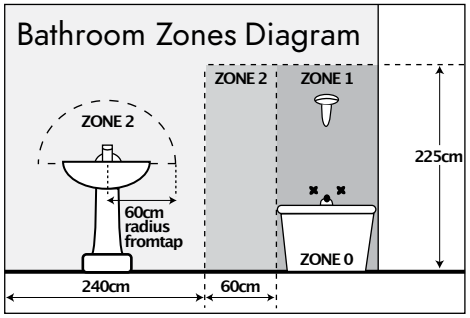
As the buyer, installer and/or user of this product it is your own responsibility to ensure that this fitting is fit for the purpose for which you have intended it. First Choice Lighting cannot accept any liability for loss, damage or premature failure resulting from inappropriate use.

This product is designed and constructed according to the principles of the appropriate British Standard and is intended for normal domestic service. Using this fitting in any other environments may result in a shortened working life, for example where there is prolonged periods of use or higher than normal ambient temperatures such as lighting public or shared spaces or in nursing /care home facilities.

Switch off the mains before commencing installation and remove the appropriate circuit fuse or lock off MCB.

This unit is suitable for indoor use only.

This product is suitable for use in living areas, bathroom zone 2 and outside of zones only (see diagram below and current IEE Wiring Regulations for details). It is not suitable for Bathroom Zones 0, 1 or other areas where contact with moisture is likely. If being fitted in a bathroom a 30mA RCD must be used.



This product is designed for permanent connection to fixed wiring: this must be a suitable circuit (protected with the appropriate MCB or fuse).

This product is suitable for installation on surfaces with normal flammability e.g. wood, plasterboard and masonry. It is not suitable for use on highly flammable surfaces (e.g. polystyrene, textiles).

Before making fixing hole(s), check that there are no obstructions hidden beneath the mounting surface such as pipes or cables.

The chosen location of your new fitting should allow for the product to be securely mounted (e.g. to a ceiling joist) and safely connected to the mains supply (lighting circuit).

Do not attach to surfaces which are damp, freshly painted or otherwise electrically conductive (e.g. metallic surfaces).

When making connections ensure that the terminals are tightened securely and that no strands of wire protrude. Check that the terminals are tightened onto the bared conductors and not onto any insulation.

This product must be connected to earth termination.

This product is not intended to be used by children and persons with sensory, physical and/or mental impairments that would prevent them from using it safely.

You are advised at every stage of your installation to double-check any electrical connections you have made. After you have completed your installation there are electrical tests that should be carried out, these tests are specified in the current IEE wiring and building regulations.

INSTALLATION:

01. Remove the glass diffuser by first removing the nuts on the front of the polished chrome trim.

02. Using the back part of the fitting as a template, mark the position of the fixing holes.

03. Pierce the grommet in the back of the fitting and thread the supply cable through.

04. Secure the fitting to your mounting surface using the fixings supplied. If the fixings supplied are not appropriate to your installation, please select suitable alternatives.

05. Make the electrical connections to the terminal block according to the following:

Live:	Brown
Neutral:	Blue
Earth:	Green and Yellow

06. Check that the silicon gasket is correctly positioned.

07. Replace the glass diffuser complete with chrome trim and replace the retaining nuts.

08. Restore the power and switch on.

LAMP REPLACEMENT:

The light source is designed to last the lifetime of the luminaire.

The light source contained in this luminaire shall only be replaced by the manufacturer, service agent or a similar qualified person.

CAUTION, RISK OF ELECTRIC SHOCK.