



Ambience



Ambience is a stylish and versatile modular recessed light fitting that combines all of the advantages of T5 fluorescent lighting with high efficiency optics and a high level of controllability to deliver high quality lighting with low cost of ownership – as well as maximum design flexibility.

Ambience has been designed to meet the highest standards of lighting quality while offering building operators low cost of ownership through its inherently energy efficient design, enhanced by a high level of controllability. As well as exploiting the benefits of T5 fluorescent technology, Ambience features optimised optical control and high efficiency aluminium (MIRO) reflectors to maximise light output and ensure even light distribution in the space.

Ambience is also available with an extensive selection of control gear options, from high frequency control gear as standard through analogue and digital (SwitchDim, DSI) dimming to fully addressable DALI-based networking. Consequently, Ambience is highly controllable so that lighting is only used when required, thus reducing energy consumption.

Enhanced control also increases lamp life beyond the average 24,000 hour lamp life of T5 lamps, extending re-lamping cycles and reducing maintenance costs. T5 lamps also feature a longer maintained light output than many other light sources, so that lighting levels remain consistent.

Ambience fittings are available in 600mm x 600mm and 1200mm x

600mm sizes to suit a wide range of ceiling grids, with louvre designs to complement the activities within the space. These include LG3 65 deg. for areas with display screens, low brightness for retail spaces and prismatic diffusers where an enclosed fitting is required.

Ambience offers a high degree of flexibility to achieve the optimum balance of light output and energy consumption with the option of lower wattage (higher efficiency) or higher wattage, higher output lamps (see reverse for details).

Available with fixings for all types of suspended ceiling, including plasterboard, Ambience has a body depth of just 68mm, making it suitable for the shallowest of ceiling voids. The fittings are available for 'pull up' or 'lay in' installation.

Manufactured to the requirements of BS EN 60598, Ambience is constructed from the highest quality materials, in a design that facilitates maintenance and ensures low cost of ownership in every aspect. For example, attachments such as louvres are retained by a shoot bolt mechanism with a hinge mechanism for easy access to lamps for re-lamping.

Features

- High efficiency T5 lighting, high controllability
- Optimised optical design, high light output ratio
- Wide choice of lamp and louvre configurations
- Control options include analogue and digital dimming and addressable DALI
- Low wattage and high output versions
- Suitable for all suspended ceilings
- Ultra-slim for shallow ceiling voids
- 'Lay in' or 'pull up' installation options for different ceiling types
- Emergency lighting options (3-hour maintained)

Benefits

- Low energy, low cost of ownership
- High quality ambient lighting
- Long life, maintained illuminance
- Highly versatile for maximum design flexibility
- Fast to install, easy to maintain



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TECHNICAL SPECIFICATION

Supply voltage.....240V
 DC voltage for operation:..176 -254V
 DC voltage for ignition:198-254V
 Power factor>0.98
 Ambient temperature ta: ...-15 to +55°C
 Line frequency.....50Hz
 Safety:.....acc.to EN 61347
 Performance:.....acc.to EN60929
 RFI suppression:.....acc.to EN55015
 Mains harmonics:.....acc.to EN 61000-3-2
 EMC immunity to interference:.....acc. to EN 61547
 Dimensions (LxWxD):
 3 x 14w HE/ 24W HO600 x 600 x 65 mm
 Weight:
 3 x 14w HE/ 24w HO4.30 kg

Specifications may change without prior notice

CERTIFICATION

March 2010 saw the first stage of new Commission of the European Communities regulations with regards to ecodesign requirements (2005/32/EC) for fluorescent lamps, and for ballasts and luminaires able to operate such lamps, and repealing Directive 2000/55/EC.

By using the latest control gear and lamps, Ambience not only complies with future European legislation, but also conforms to EN 60598-1 and relevant Parts 2. Tri-phosphor and amalgam fluorescent lamps comply with EN61195 (safety) and EN60081 (performance) and with nominal initial (100h) lumen values included in this criteria.

ORDER CODES

UNDERSTANDING ORDER CODES

| | | | |
|---------------------------|--------------|-----------------------------------|--------------|
| Product | AMB | CAT 2 louvre | /LG3 |
| Number of Lamps..... | /4 | Matt Aluminium reflector | /MAT |
| T5 lamp wattage..... | 14 | Miro 27 reflector | /MIRO |
| Dimming..... | /DIM | Multi switching | /MS |
| Analogue dimming | /A | Emergency capability.. | /E |
| Flush Mounted..... | /F | Low Brightness..... | /LB |
| Surface Mounted | /S | Enhanced Capital Allowances | /ECA |
| Specular reflector | /SPEC | | |
| Prismatic reflector | /DIFF | | |

14W Versions

AMB/3/14/F/LG3
 AMB/3/14/F/LG3/ECA*
 AMB/3/14/F/LB/ECA*
 AMB/4/14/DIM/A/F/SPEC
 AMB/4/14/DIM/A/E/F/SPEC
 AMB/4/14/DIM/D/F/SPEC
 AMB/4/14/DIM/D/E/F/SPEC
 AMB/4/14/DIM/A/F/MAT
 AMB/4/14/DIM/A/E/F/MAT
 AMB/4/14/DIM/A/F/MIRO
 AMB/4/14/DIM/A/E/F/MIRO
 AMB/4/14/F/MAT
 AMB/4/14/DIM/A/F/LG3
 AMB/4/14/DIM/D/F/LG3
 AMB/4/14/F/LG3
 AMB/4/14/F/LG3/ECA*
 AMB/4/14/F/LB/ECA*

28W Versions

AMB/3/28/F/DIFF/MS
 AMB/3/28/F/LG3
 AMB/3/28/F/LG3/ECA*
 AMB/3/28/F/LB/ECA*
 AMB/4/28/F/DIFF
 AMB/4/28/F/MAT
 AMB/4/28/F/LG3
 AMB/4/28/F/LG3/ECA*
 AMB/4/28/F/LB/ECA*

35W Versions

AMB/1/35/S/LG3
 AMB/2/35/S/LG3

* qualify for Enhanced Capital Allowances, see www.eca.gov.uk



Ambience Accessories

| | |
|---------------|---|
| AMB/S/SUSPEND | Ambience, Surface, Suspension kit, 3m |
| AMB/E/ECA* | Ambience, supplement for emergency pack |
| AMB/D/D/ECA* | Ambience, supplement for DSI dimming |
| AMB/D/A/ECA* | Ambience, supplement for 1-10V dimming |

Ambience is available with a variety of options. For further information please call our office on 01582 748700.



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