

2011 Catalogue

IBL Lighting Ltd

Recognised. Value.

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IBL is dedicated to embodying the latest technology, enhancing quality, conforming with new legislation and inspiring our clients.

For over 25 years IBL Lighting has been recognised as pioneers in the development of electronic lighting equipment. Today IBL are still dedicated to the continuous development of our products: to embody the latest technology; to enhance quality; to conform with new legislation and to be inspired by our clients.

Our new 2011 catalogue reflects these qualities. It demonstrates how our ongoing research and development programme has further improved and expanded our range of quality architectural lighting fixtures and associated control gear for a wider range of applications in commercial, residential and urban spaces.

We have paid particular attention to the evolving needs of architectural lighting designers, where new products are designed to increase the scope for innovative fittings utilising the latest lighting technology. We will ensure IBL Lighting comply with both international & EEC directives.

IBL Lighting will continue to provide our 10 year product warranty. This underwrites IBL's commitment to the development of quality architectural lighting products.



Andrew Penfold
Chief Executive Officer

Welcome to our new look catalogue

The catalogue has been redesigned to simplify the searching and ordering processes. We have also introduced a Logical Matrix for each light family, providing you with a quick and easy guide to all the fittings within the family. Here are a few key elements to look out for.

FITTING TAG

FAMILY NAME **FITTING NAME** **PROJECT IMAGE**

COMPLIANCE ICONS (SEE PAGE 100 FOR EXPLANATION) **PRODUCT IMAGE**

1.2.0

Accel Alume LED Fixed

LAMP
LED Module

ELECTRICAL SPECIFICATION
Electrical safety Class II
Output isolation S.E.L.V.

NON DIMMING LED DRIVER
LED driver Constant current
Input supply 230-240VAC 50/60Hz (198-264VAC)
Input current 0.085A @ 240V

DIMMING LED DRIVER
LED driver Current limiting phase dimmable optimised for leading edge phase control (Triac dimmers)
Input supply 230-240VAC 50/60Hz
Input current 0.047A @ 230V, 0.046A @ 240V

LED ENGINE
Warm white 3000°K (XP-G: 60lm/W)
Cool white 6000°K (XP-G: 70lm/W)
Lifetime (L₈₀) 50khrs

OPTICS
Narrow 10°, Medium 20°, Wide 50°

Also available as MR16 LV
Part Code: 2100.XD (includes transformer)

PHOTOMETRIC DATA (cd/klm) — CO — C90

PART CODES To order, quote model code, then options, separated by a period (.); eg. 2101.5322

MODEL	FINISH	COLOUR TEMPERATURE	DIMMING	LED GENERATION	
2101	Narrow beam 10°	1 White	3 3000°K	1 Non dimming	1 XR-E
2102	Medium beam 20°	5 Aluminium	6 6000°K	2 Dimming	2 XP-G
2105	Wide beam 50°				

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PART CODES TABLE

PART CODES To order, quote model code, then options, separated by a period (.); eg. 2101.5322

MODEL	FINISH	COLOUR TEMPERATURE	DIMMING	LED GENERATION	
2101	Narrow beam 10°	1 White	3 3000°K	1 Non-dimming	1 XR-E
2102	Medium beam 20°	5 Aluminium	6 6000°K	2 Dimming	2 XP-G
2105	Wide beam 50°				

ORDERING FITTINGS AND ACCESSORIES

To order a fitting, please quote the product code by following the instructions and example as shown in the table heading.

For further information, please contact IBL Lighting, info@ibl.co.uk.

1.0

Accent

2.0

ECOSeal

3.0

Synergy

4.0

Linear

5.0

Transformation

6.0

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1.3	Multi X Spot LED	2.3	ECOSeal Mini	3.4	Synergy LED
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1.4.1	Flute Spot Square LED	2.5	ECOSeal Nano	3.6.0	Synergy HID
1.5	X Spot LED	2.6.0	ECOSeal ELV Fixed	3.6.1	Synergy HID Adjustable
1.6	Dark Pin Hole LED	2.6.1	ECOSeal ELV Tilt	3.7	Synergy Compact
1.7	Dark Slot			3.8.0	Mini Synergy Round
1.8	Dark Trimless			3.8.1	Mini Synergy Square
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Contents

IBL Lighting is keeping pace with changing regulations and the demands of the building industry to provide energy efficient, fire, airtight and acoustically rated recessed downlighters.

ENVIRONMENT STATEMENT

IBL Lighting has long realised the need to reduce its carbon footprint on the environment. Around the world inefficient light sources are being phased out and replaced with efficient low energy technologies, which will contribute in the reduction in CO₂ carbon emissions. Our new range of LED lighting fixtures and low energy ECOSeal downlights embrace this ethos and provide vast savings in terms of energy reduction and maintenance.

Careful thought and consideration has been given to packaging, to ensure that both the manufacturing and disposal is environmentally friendly. At IBL we are serious about covering all aspects on an ecological basis and are registered members of Lumicom.



IBL Lighting has achieved compliance with current building regulations relating to fire, acoustic, airtightness and moisture transfer, without the use of intumescent material normally associated with this type of product.

FIRE RATING

Fire Resistant to BS476:Pt.21 60Mins.
Precautionary measures that are necessary to provide safety from fire that will safeguard building occupants.

AIR TIGHTNESS

Air tightness to BS5250.
Unbroken air barrier next to the insulation and protection against moisture penetrating roof space.

ACOUSTIC RATING

BS 5450 BS EN ISO 140-3&-6
Acoustically rated to Robust Details Part E appendix F.
Resistance to the passage of sound.

CONSERVATION OF FUEL AND POWER

Energy performance requirements - Energy consumed by lighting installations must meet new criteria and have laid down standards of performance in relationship to light provided to the power consumed (lm/w).

SAFE ELECTRICAL INSTALLATIONS

To ensure safety in all Electrical Installations. Luminaire's installed in accordance with relevant wiring and building regulations together with manufactures written installation instructions.
BS EN ISO9001:2000 accreditation 2

5.1	Logical Matrix
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5.3	LED Universal Input 22W Driver
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5.6.3	HF Electronic Transformers (ELT)

Transformation

25 years ago IBL developed their first range of HF electronic transformers. We have since sold over 60 million units worldwide. We now manufacture an extensive range of electronic control equipment for all lamp sources as well as LED drivers, engines and optics. Applications include:

- Universal 22W LED driver
- Dimmable & non dimmable LED driver
- SHF electronic metal halide ballast
- Dimmable low voltage electronic transformers



LED
STANDARD
DRIVER



LED
UNIVERSAL
22W DRIVER



LED
DIMMABLE
DRIVER



SHF METAL
HALIDE
BALLAST



HF
ELECTRONIC
TRANS-
FORMERS
(ET)



HF
ELECTRONIC
TRANS-
FORMERS
(PC)



HF
ELECTRONIC
TRANS-
FORMERS
(LOW PROFILE)



HF
ELECTRONIC
TRANS-
FORMERS
(ELT)

Logical Matrix

Transformation

MATRIX KEY

- Yes
- Optional

PART CODE	DESCRIPTION	LED DRIVER	MH BALLAST	ELECTRONIC TRANSFORMER	DIMMABLE	OUTPUT	NUMBER OF OUTPUTS	PRE WIRED	INPUT SUPPLY	ELECTRONICAL SAFETY	S.E.L.V.	SHORT CIRCUIT PROTECTION	THERMAL PROTECTION	FAULTY LAMP CUT OUT	
5.2 LED Standard Driver															
4710.XX	10W 660mA LED driver	●				10W / 660mA	1	○	220-240VAC	Class II	●	●	●		
4711.XX	12W 350mA LED driver	●				12W / 350mA	1	○	220-240VAC	Class II	●	●	●		
4712.XX	12W 700mA LED driver	●				12W / 700mA	1	○	220-240VAC	Class II	●	●	●		
5.3 LED Universal Input 22W Driver															
4718.XX	LED Universal input LED 22W driver	●				22W / 660mA	1	○	100-240VAC	Class II	●	●	●		
5.4 LED Dimmable Driver															
4720.XX	Dimmable LED driver	●			●	660mA	1	○	230-240VAC	Class II	●	●	●		
5.5 SHF Metal Halide Ballast															
4751.00	35W CDM SHF Ballast		●			35W	1		220-240VAC	Class I		●	●	●	
4752.00	70W CDM SHF Ballast		●			70W	1		220-240VAC	Class I		●	●	●	
5.6.0 HF Electronic Transformers (ET Range)															
4104.00	ET060/D 20-60W electronic transformer			●	●	20-60W	1	●	230-240VAC	Class II	●	●	●		
4106.00	ET105/D 35-105W electronic transformer			●	●	35-105W	1	●	230-240VAC	Class II	●	●	●		
4501.00	IP65 ET105/D 35-105W electronic transformer			●	●	35-105W	1	●	230-240VAC	Class II	●	●	●		
5.6.1 HF Electronic Transformers (PC Range)															
4340.00	PC060/D 20-60W single terminated output			●	●	20-60W	1		230-240VAC	Class II	●	●	●		
4351.00	PC105/D3 35-105W 3 terminated output			●	●	35-105W	3		230-240VAC	Class II	●	●	●		
4360.00	PC150/D3 50-150W 3 terminated output			●	●	50-150W	3		230-240VAC	Class II	●	●	●		
4361.00	PC150/DLS 50-150W single pre wired			●	●	50-150W	1	●	230-240VAC	Class II	●	●	●		
4370.00	PC200/D4 70-210W 4 terminated output			●	●	70-210W	4		230-240VAC	Class II	●	●	●		
4232.00	PC200 Festoon 24V 200W			●	●	70-200W	1		230-240VAC	Class II	●	●	●		
5.6.2 HF Electronic Transformers (Low Profile)															
4616.00	Low profile 20-60W electronic transformer			●	●	20-60W	3	●	230-240VAC	Class II	●	●	●		
5.6.3 HF Electronic Transformers (ELT Range)															
4630.00	ELT060/D 20-60W electronic transformer			●	●	20-60W	1		230-240VAC	Class II	●	●	●		
4632.00	ELT060/DL Pre wired 20-60W electronic transformer			●	●	20-60W	1	●	230-240VAC	Class II	●	●	●		
4640.00	ELT105/D 35-105W electronic transformer			●	●	35-105W	1		230-240VAC	Class II	●	●	●		
4642.00	ELT105/DL Pre wired 35-105W electronic transformer			●	●	35-105W	1	●	230-240VAC	Class II	●	●	●		

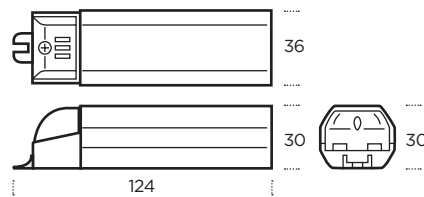
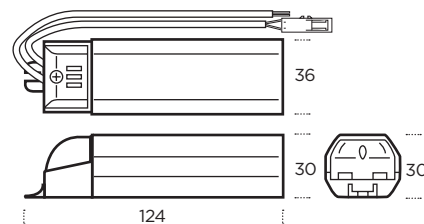


Transformation

LED Standard Driver

SPECIFICATIONS

Electrical safety	Class II
Output isolation	S.E.L.V.
LED Driver	Constant current
Input supply	220-240VAC 50/60Hz (198-264VAC).
Input current	4710 - 0.085A @ 240V, 4711 - 0.069A @ 240V, 4712 - 0.069A @ 240V.
Output	4710 - 660mA +/- 5% / 16V Max. / 10W Max, 4711 - 350mA +/- 5% / 40V Max. / 12W Max, 4712 - 700mA +/- 5% / 20V Max. / 12W Max.
Power factor	4710 - 0.5 4711 - 0.9 4712 - 0.9
Protection	Short circuit and thermal protection.
Connection	Terminal blocks as standard (OO), also available pre wired (TC).

SPECIFICATIONS (mm)**STANDARD****PRE-WIRED WITH TOP CONNECTOR**

PART CODES To order, quote model code, then suffix, separated by a period (.); eg. 4712.TC

MODEL	SUFFIX
4710 10W 660mA LED driver	OO Standard item
4711 12W 350mA LED driver	TC Pre-wired with top connector
4712 12W 700mA LED driver	

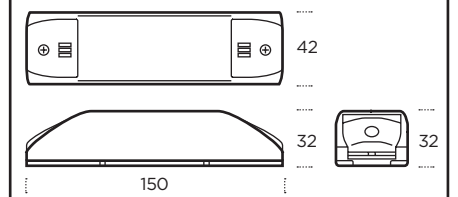
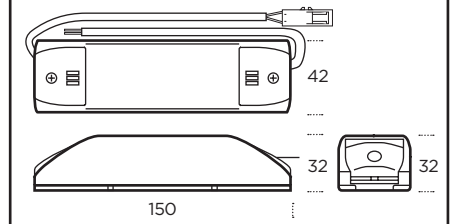


Transformation

LED Universal Input 22W Driver

SPECIFICATIONS

Electrical safety	Class II
Output isolation	S.E.L.V.
Input supply	100-240VAC 50/60Hz (90-264VAC).
Power factor	0.9
Input current	0.125A @ 230V, 0.240A @ 120V.
Output	660mA DC +/- 5% / 32V DC Max. / 22W Max.
Protection	Short circuit and thermal protection.
Connection	Terminal blocks as standard (OO), also available pre wired (TC).

SPECIFICATIONS (mm)**STANDARD****PRE-WIRED WITH TOP CONNECTOR**

PART CODES To order, quote model code, then suffix, separated by a period (.); eg. 4718.TC

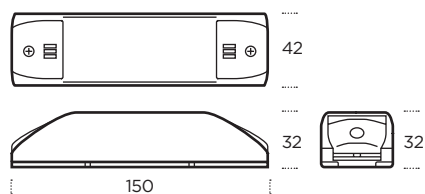
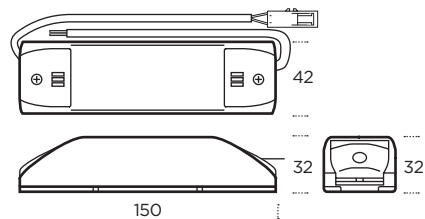
MODEL	SUFFIX
4718 LED Universal Input 22W Driver	OO Standard item
	TC Pre-wired with top connector

Transformation

LED Dimmable Driver

SPECIFICATIONS

Electrical safety	Class II
Output isolation	S.E.L.V.
LED Driver	Current limiting phase dimmable optimised for leading edge phase control (Triac dimmers).
Input supply	230-240VAC 50/60Hz
Input current	0.047A @ 230V, 0.045A @ 240V.
Output	660mA DC +/- 5% / 254V / 14.5VDC Max.
Power factor	0.9 (undimmed)
Protection	Short circuit and thermal protection.
Connection	Terminal blocks as standard (OO), also available pre wired (TC).

SPECIFICATIONS (mm)**STANDARD****PRE-WIRED WITH TOP CONNECTOR**

PART CODES To order, quote model code, then suffix, separated by a period (.); eg. 4720.TC

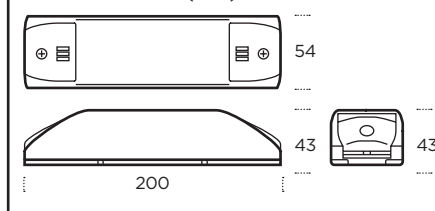
MODEL	SUFFIX
4720 LED Dimmable Driver	OO Standard item
	TC Pre-wired with top connector

Transformation

SHF Metal Halide Ballast

SPECIFICATIONS

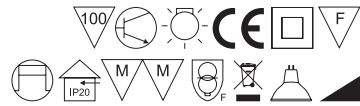
Electrical safety	Class I
Input supply	220-240VAC 50/60Hz (198-264VAC).
Input current	4751.00 - 0.18A, 4752.00 - 0.33A.
Output	4751.00 - 35W, 4752.00 - 70W.
Power factor	0.95
Ignition voltage	3-5kV
Protection	Auto shut down with faulty lamp.

SPECIFICATIONS (mm)

PART CODES To order, quote model code; eg. 4751.00

MODEL

4751.00	35W CDM SHF Ballast
4752.00	70W CDM SHF Ballast

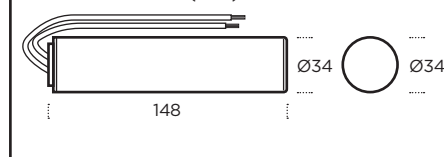


Transformation

HF Electronic Transformers (ET)

SPECIFICATIONS

Dimming	Fully dimmable with trailing or leading edge dimmers.
Electrical safety	Class II
Output isolation	S.E.L.V.
Input supply	230-240VAC 50/60Hz
Output voltage	11.7V
Power factor	0.98
Circuit loss	< 5%
Protection	Short circuit, thermal and overload protection.
Connection	Pre wired input and output

SPECIFICATIONS (mm)

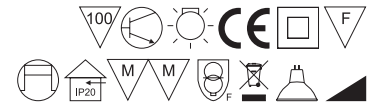
4104.00, 4106.00



4501.00

**PART CODES** To order, quote model code; eg. 4104.00

MODEL		OUTPUT	TERMINATIONS
4104.00	ET060/D 20-60W electronic transformer	20-60W	1
4106.00	ET105/D 35-105W electronic transformer	35-105W	1
4501.00	IP65 ET105/D 35-105W electronic transformer	35-105W	1

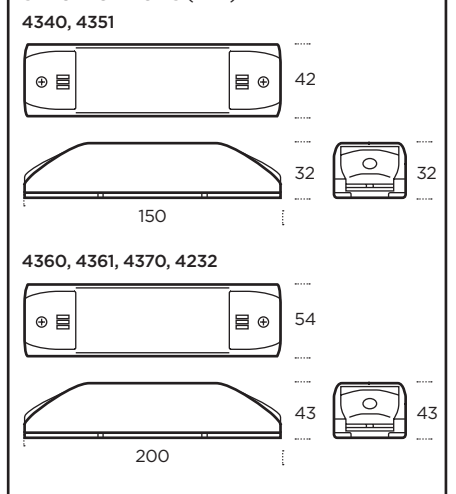


Transformation

HF Electronic Transformers (PC)

SPECIFICATIONS

Dimming	Fully dimmable with trailing or leading edge dimmers.
Electrical safety	Class II (4232.00 - Class I)
Output isolation	S.E.L.V.
Input supply	230-240VAC 50/60Hz
Output voltage	11.7V (4232.00 - 23.5V)
Power factor	0.98
Circuit loss	< 5%
Protection	Short circuit, thermal and overload protection.
Connection	Single and multi output versions available.

SPECIFICATIONS (mm)

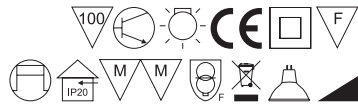
4340, 4351



4360, 4361, 4370, 4232

**PART CODES** To order, quote model code; eg. 4340.00

MODEL		OUTPUT	TERMINATIONS
4340.00	PC060/D 20-60W single terminated output	20-60W	1
4351.00	PC105/D3 35-105W 3 terminated output	35-105W	3
4360.00	PC150/D3 50-150W 3 terminated output	50-150W	3
4361.00	PC150/DLS 50-150W single pre wired	50-150W	1
4370.00	PC200/D4 70-210W 4 terminated output	70-210W	4
4232.00	PC200 Festoon 24V 200W	200W	1

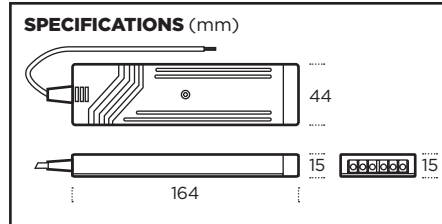


Transformation

HF Electronic Transformers (Low Profile)

SPECIFICATIONS

Dimming	Fully dimmable with trailing or leading edge dimmers.
Electrical safety	Class II
Output isolation	S.E.L.V.
Input supply	230-240VAC 50/60Hz
Output voltage	11.7V
Power factor	0.98
Circuit loss	< 5%
Protection	Short circuit, thermal and overload protection.
Connection	Pre wired input.



PART CODES To order, quote model code; eg. 4616.00

MODEL	OUTPUT	TERMINATIONS
4616.00	20-60W Electronic Transformer	20-60W 3

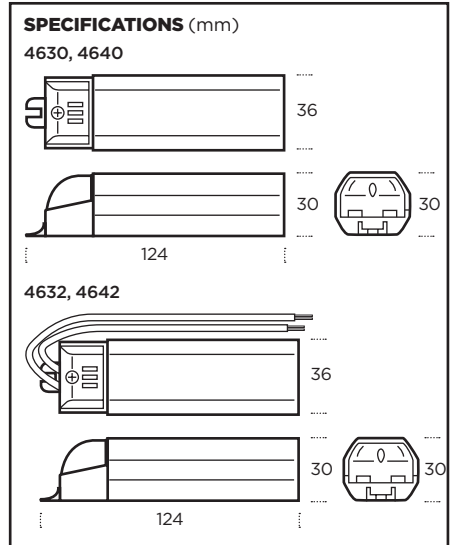


Transformation

HF Electronic Transformers (ELT)

SPECIFICATIONS

Dimming	Fully dimmable with trailing or leading edge dimmers.
Electrical safety	Class II
Output isolation	S.E.L.V.
Input supply	230-240VAC 50/60Hz
Output voltage	11.7V
Power factor	0.98
Circuit loss	< 5%
Protection	Short circuit, thermal and overload protection.
Connection	4630/4640 - Terminal block, 4632/4642 - Pre wired.



4630, 4640



4632, 4642



PART CODES To order, quote model code; eg. 4630.00

MODEL	OUTPUT	TERMINATIONS
4630.00	ELT060/D 20-60W electronic transformer	20-60W 1
4632.00	ELT060/DL Pre wired 20-60W electronic transformer	20-60W 1
4640.00	ELT105/D 35-105W electronic transformer	35-105W 1
4642.00	ELT105/DL Pre wired 35-105W electronic transformer	35-105W 1

Terms and Conditions of Sale

In these terms and conditions references to 'the Company' are in each case to IBL Lighting Ltd whose registered office is situated at 1 Farnham Road, Guildford, Surrey UK and or China Trading & Logistics Ltd, whose registered Office is situated in Unit A Floor 10, New East Sun Building, Shing Yip street, Kwun Tong, Kowloon, Hong Kong.

SCOPE

No variation of these conditions shall be effective unless made in writing and signed by an authorised officer of the Company. The Company will verify whether any named individual has the requisite authority on request.

QUOTATIONS

All Quotations made and all Orders accepted by salesmen and agents of the Company are subject to confirmation by the Company's Head Office. No contract shall come into existence until the Customer's order has been accepted by the issue of the Company's acknowledgement.

THE GUARANTEE

Any product supplied by the Company which fails due to faulty materials or workmanship, (specifically excluding batteries, lampholders and light sources), within ten years from date of invoice will be replaced by the Company free of charge, or credited, at the discretion of the Company, provided that it is returned freight pre-paid to the Company, that failure is not attributable to physical damage, modification, interference or installation other than in accordance with the Company's installation instructions, and that the product has not been operated or stored in conditions other than normal working conditions. No third party repair or replacement costs are in anyway covered by this guarantee. This guarantee replaces and expressly excludes any other implied warranty.

DESCRIPTION

Illustrations, dimensions and any other information given by the Company in its catalogues and other literature are approximate and for guidance only. They are subject to change without notice.

PRICES AND TERMS OF PAYMENT

1 All prices quoted by the Company are exclusive of Value Added Tax. The price includes the Company's usual packaging only.

2 The Company reserves the right to vary prices at any time to take into account any increase in the Company's costs.

3 Two trade references and a Bankers reference must be submitted to the Company before a normal trading account can be opened. In the absence of any concession to the contrary by the Company from time to time (whether as to credit and/or discount) accounts are due and payable in full 30 days after the date of the invoice (the due date) in respect thereof and time for payment shall be of the essence.

4 If the Customer fails to pay the Company any amount due on the due date:

- a) the Company shall have the right to cancel any contract made with the Customer and/or suspend or continue performance of the contract including delivery of goods at the Company's option without prejudice to the Company's right to recover damages for any loss sustained by it.
- b) The whole of the balance of any monies owing by the Customer on this any other contract then outstanding shall become due and payable forthwith.
- c) The outstanding sum shall carry interest at the rate of 2 per cent per month from the due date before and after judgement
- d) The Company may repossess any goods in respect of which payment is overdue and thereafter resell the same, and for this purpose the Customer hereby grants an irrevocable right and licence to the Company and its servants to enter upon all or any of its premises with or without vehicles during normal business hours; this right shall continue to subsist notwithstanding the termination of the contract for any reason and is without prejudice to any other rights of the Company.
- e) The Company may without prejudice to any of its other rights stop goods in transit.
- f) The Company shall have a general lien on all goods and property belonging to the Customer held by the Company and such lien shall be exercisable in respect of all sums lawfully due from the Customer to the Company ; the Company shall be entitled on the expiration of fourteen days to dispose of such goods or property in such a manner and at such a price as it thinks fit and to apply the proceeds towards such debt.

DELIVERY

1 Delivery shall be at the delivery address specified in the quotation or order acknowledgement or in the absence of any such address at the Customer's premises.

2 Delivery dates mentioned in any quotation, order acknowledgement or elsewhere are approximate only and not of any contractual effect. Time is not to be of the essence for delivery. The Company shall not have any liability for loss or Damage (including loss of profit and consequential loss) to the Customer in respect of any failure to deliver on any particular date or dates.

3 Delivery by carrier or by the Company's own transport is made at the Company's own cost. Special delivery arrangements at the request of the Customer will entail additional charges for carriage.

CANCELLATION AND TERMINATION

Orders accepted by the Company may be cancelled only with the written consent of the Company, such consent to be in the Company's absolute discretion and then only upon payment of reasonable cancellation charges which shall include expenses already incurred and take account of commitments already entered into by the Company. Amendments to Orders accepted by the Company may also be subject to a similar penalty at the absolute discretion of the Company.

RETURNED GOODS

Goods correctly supplied against an order must not be returned to the Company without prior written permission and, if permitted, must be returned in perfect condition including the original packaging. If goods are being returned the Customer shall bear the cost of carriage and risk of accidental loss or damage. The Company reserves the right to make a charge for handling returned goods not exceeding 25% of the invoice price of those goods.

FORCE MAJEURE

1 Deliveries may be wholly or partially suspended in the event of a stoppage, delay or interruption of work in the establishment of either the Company or the Customer during the delivery period as a result of strikes, lockouts, trade disputes, breakdown, accident or any cause whatsoever beyond the control of the Company.

2 In the event of an occurrence as is mentioned above the Company shall have the option in its absolute discretion of cancelling all or any deliveries under the contract and there shall be no liability whatsoever on the Company as a result of such a cancellation.

RETENTION OF TITLE

It is a Condition of the contract that until payment for the goods has been received in full, ownership of the goods delivered by the Company to the Customer shall remain vested in the Company , the Company shall be entitled to obtain possession of the goods, the Customer shall hold the goods as baillie in fiduciary capacity for the Company and keep the goods in good repair and condition and shall hold them separately from any other assets.

RISK

1 The insurable risk in the goods shall pass to the Customer as soon as the goods are delivered to him or to his order and pending disposal the Customer shall keep the goods insured in the amount of the price at which goods are sold to the Customer against all insurable risk.

2 Any item received by the Company from a Customer is held at the Customer's risk and the Customer shall keep any such items insured to their full value.

USE

1 The Customer warrants that it shall not modify the goods in any way without the prior consent of the Company.

2 The Customer warrants that it will use the goods in a proper and safe manner and in accordance with any instructions given by the Company.

3 The Customer warrants that if possession of the goods shall pass to any other person the Customer will supply that other person with full and proper instructions for the safe and proper use of the goods and bring those instructions to the attention of that other person and the Customer shall indemnify the Company against any claim made by any person against the Company in respect of the goods after they have been delivered.

LIABILITY

1 The Company shall have no liability whatsoever (howsoever arising) in relation to any loss suffered by the Customer or any third party arising from the supply of the goods (howsoever caused) except in the event of the Company being shown negligent in the supply of goods when its liability for death or personal injury of any person caused by such negligence shall be unlimited.

2 The employees or Agents of the Company may offer and provide advice in connection with the suitability of the Company's products or the connection of same to any other appliance whether before or after the making of this agreement. Any help and advice given orally prior to the customer entering into a contract and which materially affects the Customer' decision to place an order shall not amount to a representation unless details of such help and advice are confirmed in writing by a duly authorised officer or employee of the Company. No such help and advice is to be taken as an acceptance by them of any liability over and above the liability accepted by the Company under the terms of it's guarantee and notwithstanding that any help or advice may have been negligent.

3 The Company shall not be liable to the Customer for shortage in quantity delivered or (where the goods are carried by the Company's own transport or by a carrier on behalf of the Company) damage to or loss of the goods or any part thereof in transit unless such shortage, damage or loss is noted on the Company's copy of the delivery note and full details of such shortage, damage or loss are provided to the Company in writing within three working days of delivery. Any claim for non-delivery must be made within fourteen days of the date of the invoice, in writing.

4 Any liability which may arise in contract or in tort (including liability in negligence) arising out of or as a result of the above shall be limited to the price invoiced by the Company of the goods in question. However, your statutory rights are not affected.

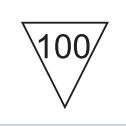


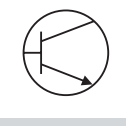


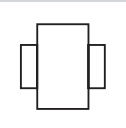


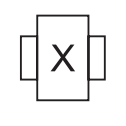
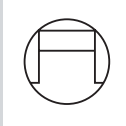

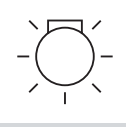





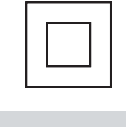
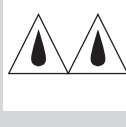
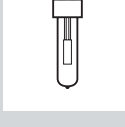

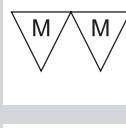
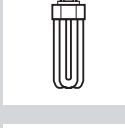

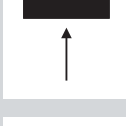
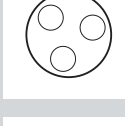
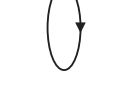


FOREIGN ELEMENT

1. These conditions shall be governed by and construed in all respects in accordance with English Law.

2. All orders accepted by the Company and any dispute or litigation arising therefrom shall be governed by English Law and be subject exclusively to the jurisdiction of the English Courts.

E & O E

Explanation of Icons

	INTERNAL CUT-OUT OVERLOAD PROTECTION		ACOUSTIC RATED		CLASS I (PROTECTIVE EARTH)
	ELECTRONIC CONTROL GEAR		FIRE RATED		SHORT-CIRCUIT-PROOF SAFETY ISOLATING TRANSFORMER
	INTEGRAL CONTROL GEAR		SUITABLE FOR MOUNTING ON NORMALLY FLAMMABLE MATERIAL		FAIL SAFE, SHORT-CIRCUIT-PROOF SAFETY ISOLATING TRANSFORMER
	REMOTE CONTROL GEAR		INDEPENDENT CONVERTER		PACKAGE MADE FROM RECYCLED MATERIALS
	TRANSFORMER FOR CLASS III LUMINAIRES		IP20 - INTERIOR USE		WEEE DIRECTIVE - ITEM SHOULD NOT BE DISPOSED OF VIA NORMAL WASTE SYSTEM
	CE MARK		IP44 - SPLASH PROOF (MAY REQUIRE OPTIONAL ACCESSORY)		MR16 LAMP
	CLASS II CONSTRUCTION (DOUBLE INSULATED)		IP65 - DUST TIGHT AND JET PROOF (MAY REQUIRE OPTIONAL ACCESSORY)		CDM MH LAMP
	CLASS III CONSTRUCTION		SUITABLE FOR MOUNTING ON FURNITURE		CFL LAMP
	DIRECTIONAL ADJUSTABLE		SUSPENDED OR RECESSED		LED LIGHT SOURCE
	TILT ADJUSTABLE		EMERGENCY LUMINAIRE (OPTIONAL ON SOME ITEMS)		DIMMABLE (OPTIONAL ON SOME ITEMS)

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