

Quartz Infrared Lamps

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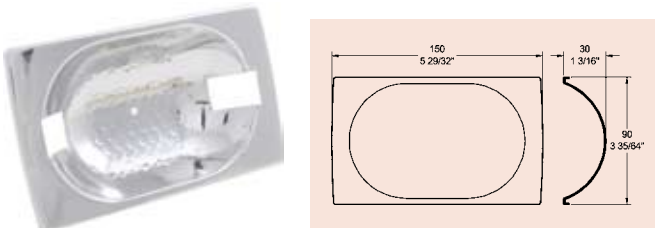
300 Watt Lamps

UP TO 300W REFLECTOR

300W Quartz Infrared Lamp Requires:

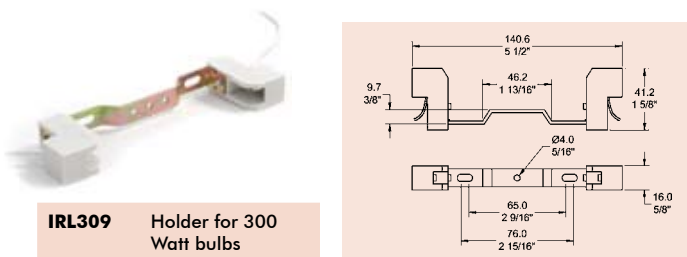


Reflector



IRL300SUR Reflector for 300 Watt bulbs

Holder



IRL309 Holder for 300 Watt bulbs

Assemblies :: Reflector / Holder / Bulb

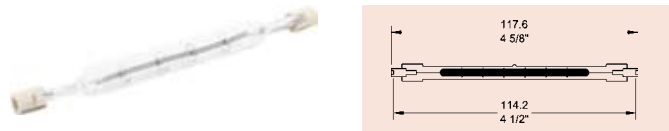
	QUARTZBARE300 300W Bare assembly
	QUARTZJACKET300V 300W Jacketed assembly
	TUNGLAMP300 300W Tungsten halogen assembly

Bulbs :: All 118mm (4 5/8") long

Infrared lamps are low pressure tungsten halogen heat lamps. The filament is tungsten surrounded by a halogen dosed gas and encapsulated in a transparent quartz glass sleeve. These lamps have a short wave infrared output and heat by direct radiation the object in the path of the energy.

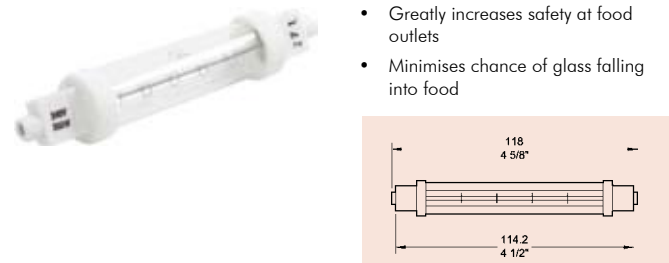


- IRL100B** Standard catering bare quartz bulb 100W, low pressure
- IRL200B** Standard catering bare quartz bulb 200W, low pressure
- IRL300B** Standard catering bare quartz bulb 300W, low pressure
- IRL500B** Standard catering bare quartz bulb 500W, low pressure



R713908R Philips foodsafe bare quartz bulb 300W, low pressure

Jacketed lamps have an additional free-moving glass sleeve to protect the inner sleeve from any outside contact that can cause heat spots and reduce the life span. In addition the jacket stops inner glass (if shattered) from falling into food.



- Greatly increases safety at food outlets
- Minimises chance of glass falling into food

- IRL100JV** Jacketed quartz bulb 100W, low pressure
- IRL200JV** Jacketed quartz bulb 200W, low pressure
- IRL300JV** Jacketed quartz bulb 300W, low pressure
- IRL500JV** Jacketed quartz bulb 500W, low pressure

NB: 110v versions available: Please enquire

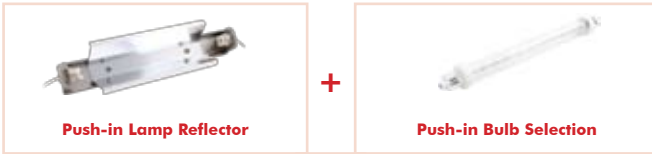
Bulbs :: Tungsten :: All 118mm (4 5/8") long

Standard Tungsten Halogen lamps can be used as heat lamps and have much lower heat output but a far greater light output. They are commonly used as external floodlights. These are high pressure and more prone to explode. There are no jacketed versions available.

- THL100B** Bare tungsten halogen bulb 100W, high pressure
- THL150B** Bare tungsten halogen bulb 150W, high pressure
- THL200B** Bare tungsten halogen bulb 200W, high pressure
- THL300B** Bare tungsten halogen bulb 300W, high pressure
- THL500B** Bare tungsten halogen bulb 500W, high pressure

500 Watt Lamps

Push In Lamp Requires:



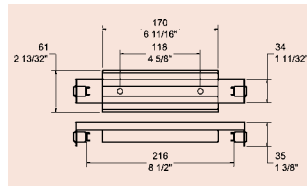
Push-in Lamp Reflector

Push-in Bulb Selection

Push-in Lamps :: Reflectors / Holders

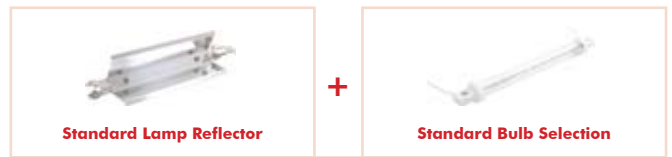


IRL500PHR Holder & reflector for push-in 500 Watt bulbs



UP TO 500W REFLECTOR

Standard Lamp Requires:



Standard Lamp Reflector

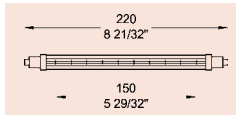
Standard Bulb Selection

Push-in Lamps :: Bulbs

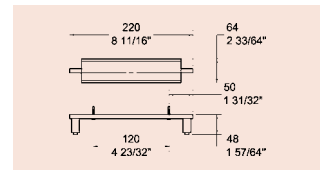


- Staff can easily change bulb
- No costly call-outs for operators
- 220mm (8 21/32") long

- IRL300PJ** Jacketed quartz bulb 300W
- IRL500PJ** Jacketed quartz bulb 500W
- IRL500PB** Bare quartz bulb 500W



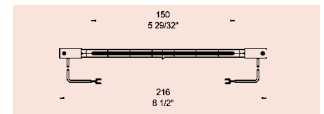
IRL500LHR Holder & reflector for 500 Watt bulbs



Standard Lamps :: Bulbs for 500W Holder

- 216mm (8 1/2") Long
- Hard wired with flying leads

Infrared lamps are low pressure tungsten halogen heat lamps. The filament is tungsten surrounded by a halogen dosed gas and encapsulated in a transparent quartz glass sleeve. These lamps have a short wave infrared output and heat by direct radiation the object in the path of the energy.



- IRL300LHRB** Bare quartz bulb 300W (for 500W holder)
- IRL500LHRB** Bare quartz bulb 500W

Jacketed lamps have an additional free-moving glass sleeve to protect the inner sleeve from any outside contact that can cause heat spots and reduce the life span. In addition the jacket stops inner glass (if shattered) from falling into food.

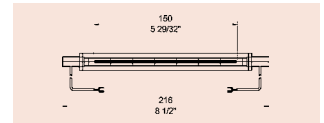
- Greatly increases safety at food outlets
- Minimises chance of glass falling into food

Lamps :: Assemblies

 QUARTZJACKET1000PI	
QUARTZBARE500	500W Bare assembly (with flying leads)
QUARTZJACKET500	500W Jacketed assembly (with flying leads)
QUARTZJACKET300PI	300W Jacketed assembly (push in lamp)
QUARTZJACKET500PI	500W Jacketed assembly (push in lamp)

Lamps :: Accessories

IRLCAPS	End caps for push-in lamps
OHSL01	High temperature cable sleeving (180°C), p.metre



- IRL100LHRJ** Jacketed quartz bulb 100W (for 500W holder)
- IRL200LHRJ** Jacketed quartz bulb 200W (for 500W holder)
- IRL300LHRJ** Jacketed quartz bulb 300W (for 500W holder)
- IRL500LHRJ** Jacketed quartz bulb 500W

All bulbs are low pressure

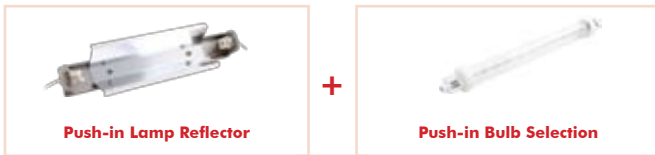
1000 Watt Lamps

1000W REFLECTOR

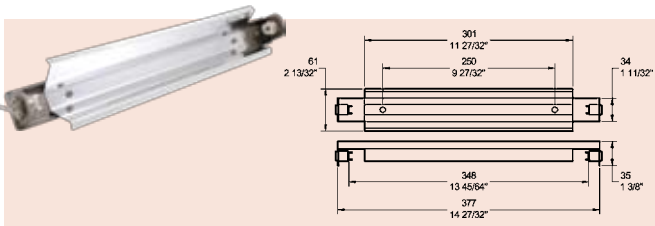
Infrared lamps are low pressure tungsten halogen heat lamps. The filament is tungsten surrounded by a halogen doped gas and encapsulated in a transparent quartz glass sleeve. These lamps have a short wave infrared output and heat by direct radiation the object in the path of the energy.

Jacketed lamps (denoted by a "J" at the end of the code) have an additional free-moving glass sleeve to protect the inner sleeve from any outside contact that can cause heat spots and reduce the life span. In addition the jacket stops inner glass (if shattered) from falling into food.

Push In Lamp Requires:

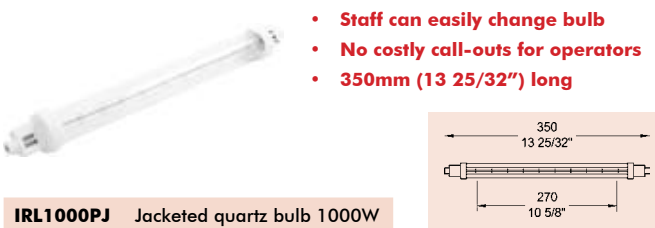


Push-in Lamps :: Reflector



IRL1000PHR Holder & reflector for push-in 1000 Watt bulbs

Push-in Lamps :: Bulbs

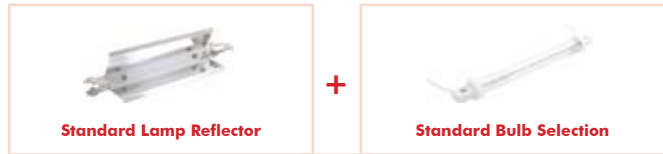


IRL1000PJ Jacketed quartz bulb 1000W

Lamps :: Assemblies



Standard Lamp Requires:



Standard Lamps :: Reflector



IRL1000LHR Holder & reflector for 1000 Watt bulbs

Standard Lamps :: Bulbs for 1000W Holder

- 350mm (13 25/32") Long
- Hard wired with flying leads



IRL1000LHRB Bare quartz bulb 1000W

IRL1000LHRJ Jacketed quartz bulb 1000W

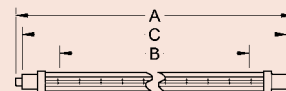
Gourmet Heat Lamp :: Infrared

HOW DOES IT WORK?

By doping the quartz with the rare earth element neodymium, the yellow light is absorbed which has the effect of brightening reds and greens and increasing red green contrast.

It is perfectly safe for catering applications, keeps food warm and also enhances its appearance. Butchers have been using similar methods for years.

For operation simply replace bulbs in standard catering fittings



Product Code	Power	A Overall	B Filament	C Contacts
IRL300JVGT	240V 300W	118mm (4 5/8")	75mm (2 15/16")	114mm (4 1/2")
IRL300PJGT	240V 300W	220mm (8 5/8")	150mm (5 15/16")	216mm (8 1/2")
IRL500PJGT	240V 500W	220mm (8 5/8")	150mm (5 15/16")	216mm (8 1/2")

IRL300JVGT Jacketed lamp, 240V 300W, gourmet, 118mm (4 5/8")

IRL300PJGT Jacketed lamp, 240V 300W, gourmet, 220mm (8 5/8")

IRL500PJGT Jacketed lamp, 240V 500W, gourmet, 220mm (8 5/8")

All bulbs are low pressure

Dimmers

- All dimmers come complete with knob and bezel
- Variable phase angle type
- Maximum 3.5 kW capacity
- Installer should use a heat sink



OHDIMAP
Dimmer with pre-set selection



OHDIMAV
Dimmer with variable control



OHDIMCVHS
Dimmer with variable control, high surge resistant

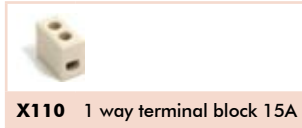


OHDIMBPRFI
Dimmer with pre-set selection and RFI suppression

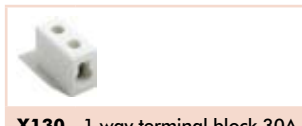


OHDIMBVRFI
Dimmer with variable control and RFI suppression

Porcelain Connectors



X110 1 way terminal block 15A



X130 1 way terminal block 30A



X210 2 way terminal block 15A



X230 2 way terminal block 30A



X310 3 way terminal block 15A



X330 3 way terminal block 30A

Quartz Bulb

- Suits Gantry Lamps
- Suits Rise & Fall Heat Shades



IR300CH 300W Hard glass quartz bulb with Eddison screw

Ceramic Lamps



QCL500

- QCL300** Ceramic lamp 300W
- QCL500** Ceramic lamp 500W
- QCL1000** Ceramic lamp 1000W

Gantry Lamps

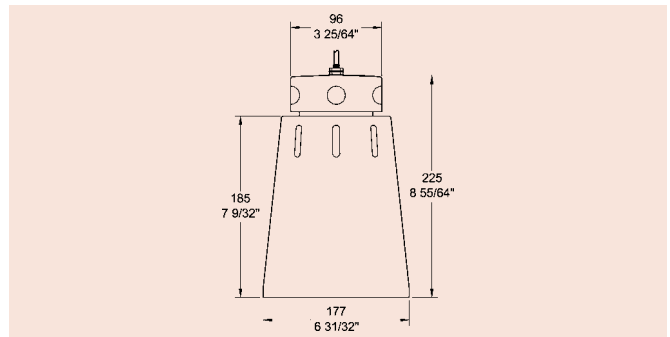
- Infrared suspended lamp holder complete with ceramic holder and 150mm flex



L5934 - Silver

L5933 - Bronze

L5931 - Copper



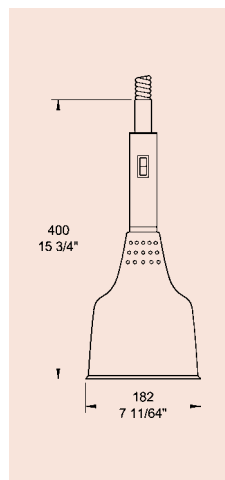
L5934 Silver anodised gantry lamp

L5933 Bronze anodised gantry lamp

L5931 Copper anodised gantry lamp

Rise & Fall Heat Shades

- Switch mounted on shade
- Adjustment range 24"
- Other colours available



L5981 Brushed Aluminium

L5987 Brushed Brass

L5981 Brushed Aluminium Rise & Fall Heat Shade

L5987 Brushed Brass Rise & Fall Heat Shade

Incoloy Elements and Accessories

- Tubular sheathed Elements 7.94mm (5/16") diameter with 50mm (2") cold ends
- Fully annealed. Can be bent into any shape repeatedly
- Fixing kit gland of Olive, Captive Nut, Lock Nut, Brass and Fibre Washers
- Brass Terminal Pillar (as alternative to ring, spade or forked terminals)

- Recommended Energy Regulator includes Knob, Bezel, Nuts and Washers
- Elements can be shaped to order (minimum quantities apply)
- Suitable for wet or dry applications

Straight Length Incoloy Elements

- All elements 240V (other voltages to order)



610mm (24") Length

2405	500 Watts
2410	1000 Watts
2420	2000 Watts

1524mm (60") Length

6010	1000 Watts
6015	1500 Watts
6020	2000 Watts

915mm (36") Length

3605	500 Watts
3610	1000 Watts
3615	1500 Watts
3620	2000 Watts

1828mm (72") Length

7205	500 Watts
7210	1000 Watts
7215	1500 Watts
7220	2000 Watts

1220mm (48") Length

4805	500 Watts
4810	1000 Watts
4815	1500 Watts
4820	2000 Watts
4830	3000 Watts

2438mm (96") Length

9605	500 Watts
9610	1000 Watts
9615	1500 Watts
9620	2000 Watts
9630	3000 Watts

3048mm (120") Length

12015	1500 Watts
12020	2000 Watts
12025	2500 Watts
12030	3000 Watts



Accessories



FIXFIT Body, Olive, Captive Nut, Lock Nut, set of Brass and Fibre washers

BTP 1/4" BSP Brass terminal pillar



- Infinite control plus OFF and FULL
- 3kW capacity
- Suits panel thickness up to 3/16" maximum
- Fast On spade terminals
- Replaces 31ERITH

41ER110B1 Simmerstat: Energy Regulator, Bezel, Black Knob

41ER110W1 Simmerstat: Energy Regulator, Bezel, White Knob

Heat Proof Cable

- SIAFGL 1.5mm and 2.5mm diameter, single core
- Silicone glass fibre braided
- 100 metre roll, order by the metre
- Temperature Range: -60°C to +180°C



1.5mm Heat Proof Cable

CAB.BLUE	Cable, blue, 1.5mm diameter
CAB.BROWN	Cable, brown, 1.5mm diameter
CAB.YEL/GRN	Cable, yellow / green, 1.5mm diameter
CAB.WHITE	Cable, white, 1.5mm diameter
CAB.RED	Cable, red, 1.5mm diameter
CAB.BLACK	Cable, black, 1.5mm diameter

2.5mm Heat Proof Cable

CAB.BLUE2.5	Cable, blue, 2.5mm diameter
CAB.BROWN2.5	Cable, brown, 2.5mm diameter
CAB.YEL/GRN2.5	Cable, yellow / green, 2.5mm diameter
CAB.WHITE2.5	Cable, white, 2.5mm diameter
CAB.RED2.5	Cable, red, 2.5mm diameter
CAB.BLACK2.5	Cable, black, 2.5mm diameter