



## Driverless Products



**This catalogue consists of the most commonly used solutions in the commercial sphere. It is not a full representation of all LED products available. For further solutions please:**



## Driverless GU10



Model Code	Specification	Watt	Chip	Light Colour	Beam Angle	Life Cycle	Price
WL-AC-GU10-H-6W		6w	SAMSUNG	PW,NW,WW	24°, 38°, 60°	50,000hrs	£10.88



Model Code	Specification	Watt	Chip	Light Colour	Beam Angle	Life Cycle	Price
WL-AC-D70-C-6W	φ80*H46mm	6w	SAMSUNG	PW,NW,WW	24°, 38°, 60°	50,000hrs	£16.42

## Driverless Candles



Model Code	Specification	Watt	Chip	Light Colour	Beam Angle	Life Cycle	Price
WL-C35-E14-C-4W		4w	SAMSUNG	PW,NW,WW	270°	50,000hrs	£10.43



Model Code	Specification	Watt	Chip	Light Colour	Beam Angle	Life Cycle	Price
WL-C35-E14-D-4W		6w	SAMSUNG	PW,NW,WW	180°	50,000hrs	£10.43

## Driverless Bulbs



Model Code	Specification	Watt	Chip	Light Colour	Beam Angle	Life Cycle	Price
WL-G45-E14-C-4W		4W	SAMSUNG	PW,NW,WW	270°	50,000hrs	£10.43



Model Code	Specification	Watt	Chip	Light Colour	Beam Angle	Life Cycle	Price
WL-G45-E14-D-4W		4w	SAMSUNG	PW,NW,WW	180°	50,000hrs	£10.43

## Driverless Tubes



Model Code	Specification	Watt	Chip	Light Colour	Beam Angle	Life Cycle	Price
WL-AC-T8-06-9W		9W	SAMSUNG	PW,NW,WW	180°	50,000hrs	£18.00



Model Code	Specification	Watt	Chip	Light Colour	Beam Angle	Life Cycle	Price
WL-AC-T8-12-19W		19w	SAMSUNG	PW,NW,WW	180°	50,000hrs	£28.5

## Driverless Down Lights



Model Code	Specification	Watt	Chip	Light Colour	Beam Angle	Life Cycle	Price
WL-AC-A30-7W		7W	SAMSUNG	PW,NW,WW	120°	50,000hrs	£21.53







Model Code	Specification	Watt	Chip	Light Colour	Beam Angle	Life Cycle	Price
WL-AC-A50-15W		15W	SAMSUNG	PW,NW,WW	120°	50,000hrs	£31.92



Model Code	Specification	Watt	Chip	Light Colour	Beam Angle	Life Cycle	Price
W;-AC-A80-24W		24W	SAMSUNG	PW,NW,WW	120°	50,000hrs	£43.58

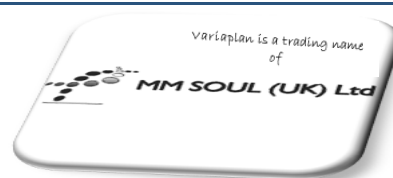
## Infrared Heating Solutions



IES		Ra ≥80	 IP20	 
CE	RoHS	Nichia LED	PF ≥0.95	Tridonic Driver



Heating Solutions  
**VARIAPLAN**  
RADIATOR, PIPE COVERS & PROTECTION SOLUTIONS



### Frameless Infrared Heater (Ceiling Mounting)

Heating Element: Carbon Crystal

Surface Temperature: Mainly 70-90°C

Back Temperature: <40°C

Electric Conversion Efficiency: 98%

Life Expectancy:  $\geq 100,000\text{H}$

Wave Length: 8-15 $\mu$

Front Surface: Powder Coated Aluminium Sheet

Radiation Length: < 3.5m

Ingress Protection Rating: IP42

Over Heat Protection: Yes

Default Cable Length: 2m (with Plug)

### Photo



### Sizes and Pricing

Model	Size	Wattage	Price	G.W.
B2FC280	595*595*25	280	£189	4.8kg
B2FC350	800*600*25	350	£197	6.3kg
B2FC450	1000*600*25	450	£209	7.8kg
B2FC550	1200*600*25	550	£216	9.3kg
B2FC750	1200*800*25	750	£228	11.4kg
B2FC950	1200*1000*25	950	£237	13.6kg





### White Slim Infrared Heating Panel (Ceiling Mounted)

### Photo

Heating Element: Carbon Crystal

Surface Temperature: Mainly 70-90°C

Electric Conversion Efficiency: 98%

Life Expectancy:  $\geq 100,000H$

Front Surface: White Aluminium Sheet

Back Material: Aluminium Sheet

Ingress Protection Rating: IP54 (Excluding Plug)

Over Heat Protection: Yes

Default Cable Length: 2m (with Plug)

With led front cover

**Main advantages:** Stable frames, thick aluminium sheet and two square hanging brackets at the rear.



### White Aluminium Sheet at the Panel Front for Ceiling Mounting

Model	CTN Meas (mm)	Wattage	Price	G.W.
B2AC140	1000*280*55	140	£164	2.5kg
B2AC280	700*680*55	280	£174	5.0kg
B2AC350	900*680*55	350	£183	6.2kg
B2AC450	1100*680*55	450	£191	7.2kg
B2AC550	1300*680*55	550	£215	9.3kg
B2AC750	1300*880*55	750	£228	10.4kg
B2AC950	1300*1100*55	950	£236	12.5kg

### White Infrared Heater (Ceiling Mounting)

Heating Element: Carbon Crystal

Surface Temperature: Mainly 70-100°C

Electric Conversion Efficiency: 98%

Life Expectancy:  $\geq 100,000H$

Front Surface: White Aluminium Sheet

Frame: Silver or White Aluminium

Back Material: Aluminium Foil Cloth

Ingress Protection Rating: IP54 (excluding plug)

Over Heat Protection: Yes

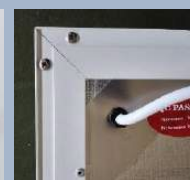
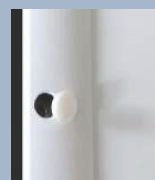
Default Cable Length: 2m (with Plug)

**Main advantages:** Easy to mount with rear hanging brackets. Stable frame. White or Colour surface design.

#### Standard White Aluminium Sheet

Model	Size	Wattage	Price	G.W.
B2HLC280	627*627*23	280	£173	4.9kg
B2HLC350	627*827*23	350	£177	6.3kg
B2HLC450	627*1027*23	450	£183	7.3kg
B2HLC550	627*1227*23	550	£195	9.4kg
B2HLC750	827*1227*23	750	£227	10.5kg
B2HLC950	1027*1227*23	950	£234	12,6kg

### Photo





Heating Solutions  
**VARIAPLAN**  
RADIATOR, PIPE COVERS & PROTECTION SOLUTIONS

call 01384 42 42 32

enquiries@mmsoul.co.uk

www.bespokemetaldesigns.com

### Higher Temperature Infrared Heater (Ceiling Mounting)

Heating Element: Nicr heating wire  
Surface Temperature: Approx 110°C  
Electric Conversion Efficiency: 98%  
Life Expectancy:  $\geq 100,000\text{H}$   
Front Surface: White Aluminium Sheet  
Frame: Silver or White Aluminium  
Back Material: Aluminium Foil Cloth  
Ingress Protection Rating: IP52 (excluding plug)  
Over Heat Protection: Yes  
On/Off Switch: No  
Default Cable Length: 2m (with Plug)

#### Main advantages:

Easy to mount.  
Pure white design, frame and panel are the same white.  
No any scratches at the front, even small scratches.  
High power but not huge size, slim body.  
Longer infrared heating distance.  
High but also safe front temperature

### Photo



**Other Sizes and Powers  
can be customized to  
your specification**

Model	Size	Wattage	Price	G.W.
B2HHC450	627*627*23	450	£183	4.5kg
B2HHC700	627*1027*23	700	£215	7.8kg
B2HHC900	627*1227*23	900	£231	9.6kg
B2HHC1400	627*1827*23	1400	£360	14,6kg

### Accessories—hanging kits for ceiling mounting

#### Hanging Kits

4 x 1m steel wire rope  
Load bearing 30kgs  
Automatic length adjusting and locking extractor  
Weight: 120g/set

Price £9.00

### Photo



## Frameless Infrared Heater (Wall Mounting)

## Photo

Heating Element: Carbon Crystal

Surface Temperature: Mainly 70-90°C

Back Temperature: <40°C

Electric Conversion Efficiency: 98%

Life Expectancy:  $\geq 100,000\text{H}$

Wave Length: 8-15 $\mu$

Front Surface: Powder Coated Aluminium Sheet

Radiation Length: < 3.5m

Ingress Protection Rating: IP42

Over Heat Protection: Yes

Default Cable Length: 2m (with Plug)



## Size and Prices

Model	Size	Wattage	Price	G.W.
B2FW350	605*605*25	350	£177	4.8kg
B2FW450	805*605*25	450	£183	6.3kg
B2FW580	1005*605*25	580	£194	7.8kg
B2FW700	1205*605*25	700	£215	9.3kg
B2FW900	1205*805*25	900	£228	11.4kg
B2FW1200	1205*1050*25	1200	£237	13.6kg



Heating Solutions  
**VARIAPLAN**  
RADIATOR, PIPE COVERS & PROTECTION SOLUTIONS

Call 01384 42 42 32

enquiries@mmsoul.co.uk

www.bespokemetaldesigns.com

#### Description

Heating Element: Carbon Crystal  
Surface Temperature: Mainly 70-90°C  
Electric Conversion Efficiency: 98%  
Life Expectancy:  $\geq 100,000H$   
Front Surface: White Aluminium Sheet  
Back Material: Aluminium Sheet  
Ingress Protection Rating: IP54  
(Excluding Plug)  
Over Heat Protection: Yes  
Default Cable Length: 2m (with Plug)  
With led front cover  
**Main advantages:** Stable frames, thick aluminium sheet and two square hanging tubes at the rear.

Optional: On/Off Switch (IPX0)



Photo



#### Packing Information

Model

CTN MEAS (mm)

B2AW160

1000\*280\*55

B2AW350

700\*680\*55

B2AW450

900\*680\*55

B2AW580

1100\*680\*55

B2AW700

1300\*680\*55

B2AW900

1300\*880\*55

B2AW1200

1300\*1100\*55

#### White Aluminium Sheet at the Panel Front for Wall Mounting

B2AW160	905*205*22	160	£164	2.5kg
B2AW350	605*605*22	350	£174	5.0kg
B2AW450	805*605*22	450	£183	6.2kg
B2AW580	1005*605*22	580	£191	7.2kg
B2AW700	1205*605*22	700	£215	9.3kg
B2AW900	1205*805*22	900	£228	10.4kg
B2AW1200	1205*1005*22	1200	£236	12.5kg

#### Customize Picture on PET Sheet at the Panel Front

B2APW350	605*605*22	350	£173	4.2kg
B2APW450	805*605*22	450	£180	5.6kg
B2APW580	1005*605*22	580	£188	6.5kg
B2APW700	1205*605*22	700	£212	8.2kg
B2APW900	1205*805*22	900	£225	9.4kg
B2APW1200	1205*1005*22	1200	£231	11.2kg

Glass and Mirror Infrared Heater, Frameless

Photo

Heating Element: Carbon Crystal  
 Surface Temperature: Mainly 70-90°C  
 Electric Conversion Efficiency: 98%  
 Life Expectancy:  $\geq 100,000H$   
 Front Surface: White Aluminium Sheet  
 Back Material: Aluminium Sheet  
 Ingress Protection Rating: IP54  
 Over Heat Protection: Yes  
 On/Off switch: No  
 Default cable length 2m



Colour Glass panel for Wall mounting

Model	Size	Wattage	Price	G.W.
B2GW350	600*600*12	350	£191	7.8kg
B2GW450	800*600*12	450	£194	9.6kg
B2GW580	1000*600*12	580	£215	12.3kg
B2GW700	1200*600*12	700	£226	15.6kg

Mirror Panel for Wall Mounting

Model	Size	Wattage	Price	G.W.
B2MW350	600*600*12	350	£194	7.8kg
B2MW450	800*600*12	450	£216	9.6kg
B2MW580	1000*600*12	580	£227	12.3kg
B2MW700	1200*600*12	700	£236	15.6kg

Main Advantage

- High Quality tempered mirror/glass
- 2 square tube mounting brackets
- No frame and easy to mount with rear brackets.
- Flat, frameless and streamlined design
- Inner temperature sensors provide safety from over heating

Glass and Mirror Infrared Heater, Frameless

Photo

Heating Element: Carbon Crystal  
 Surface Temperature: Mainly 70-100°C  
 Electric Conversion Efficiency: 98%  
 Life Expectancy:  $\geq 100,000\text{H}$   
 Front Surface: White Aluminium Sheet/Picture PET Sheet  
 Frame: Silver or White Aluminium  
 Back Material: Aluminium Foil Cloth  
 Ingress Protection Rating: IP54 (excluding plug)  
 Over Heat Protection: Yes  
 Default cable length 2m



Standard White Panel for Wall mounting

Model	Size	Wattage	Price	G.W.
B2HLW350	627*627*23	350	£173	4.9kg
B2HLW450	627*827*23	450	£177	6.3kg
B2HLW580	627*1027*23	580	£183	7.3kg
B2HLW700	627*1227*23	700	£195	9.4kg
B2HLW900	827*1227*23	900	£227	10.5kg
B2HLW1200	1027*1227*23	1200	£234	12.6kg



Picture Panel for Wall Mounting

Model	Size	Wattage	Price	G.W.
B2HLWP350	627*627*23	350	Price on App	4.9kg
B2HLWP450	627*827*23	450	Price on App	6.3kg
B2HLWP580	627*1027*23	580	Price on App	7.3kg
B2HLWP700	627*1227*23	700	Price on App	9.4kg
B2HLWP900	827*1227*23	900	Price on App	10.5kg
B2HLWP1200	1027*1227*23	1200	Price on App	12.6kg

Main Advantage

- Holes on frames for easily mounting, very stable frames
- White or customised design

Accessories—Standing Feet



Stand Feet for HL and A series

Photo

Body Size: 200\*35\*45mm  
 Material: Aluminium Alloy  
 Colour: Silver, White or Black  
 Weight: 20g/pair



Price £9.00

Accessories—Thermostat		
Plug in Thermostat (No need to mount)		Photo
<p>Output Voltage: 230V</p> <p>Switching Capacity 3600W/16A</p> <p>Back up storage: EEPROM</p> <p>Sensor Mode: Internal Sensor</p> <p>Temperature Settings: 5°C ~ 35°C, 0.5°C increments</p> <p>Accuracy: +/-0.5°C (+/-1°F)</p> <p>Thermostat dimension: 70x41.5x140mm</p> <p>Colour: White</p> <p>IP protection rating: IP20</p> <p>Certification: CE.</p>		
Price for programmable	£36	
Price for non-programmable	£35	
Thermostat with Remote (Recessed lead wire)		Photo
<p>Specification:</p> <p>Power:&lt;1.5W</p> <p>Voltage: 100~240V</p> <p>Frequency: 50/60HZ</p> <p>Load Current: 25A</p> <p>Temperature control range: 5°C ~ 35°C</p>		
Price	£60	

In addition to saving you money, using the right Infrared Heating can completely change how an internal space looks and feels, providing ambient heat to the environment. Whilst carrying out our free survey we consider all health and safety aspects and how you use the space.

One of the aspects many companies forget or don't see is the maintenance costs. Our new generation Infrared heating panels don't just address this, but massively reduce installation costs on new projects.

Our IR panels are quick and easy to install (no pipework, no boilers) and have a life of 100,000 hours, typically 8 times longer than traditional electric heaters, and with absolutely no maintenance costs for the term of its life.

The savings vs Gas are around 60%, vs electric 75%, but we can also introduce wireless thermostatic controls to increase this even further, controlled via a PC or even an App. on your mobile.

- Save up to 60% against Gas
- Save up to 75% against Electric
- Further Savings achieved with UK manufactured thermostatic control system
- Control your environment from your phone or computer
- Ultra-Slim Panels fit to wall or ceiling
- Commercial or Residential Application
- Customised to your design - put your Image on our new Panel Heater



Potential Carbon Trust Funding maybe available - Subject to eligibility The Carbon Trust's mission is to accelerate the move to a sustainable, low carbon economy. They are independent experts on carbon reduction and resource efficiency. They reinvest surpluses from group commercial activities into their mission.

