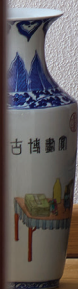


betac[®]

Picture Lights



MR. RESISTOR[®]
Lighting Specialist Est. 1968

Betec Picture Lights

This painting light was developed in 1978 by Horst Lettenmayer for the Paintings House in Munich. In its extremely minimal design, the light output should only serve its original purpose. The continuous light band of this light is protected by an international patent regarding the contiguous sequence of individual light bulbs set in a light chain.

The result: a warm curtain of light covers valuable paintings while leaving the art shine through it. Currently, the lamp is manually produced as originally designed,

except that the bulb has fallen victim of the EU energy efficiency regulations. In the meantime, this lamp has become an art object itself. Indeed, it was awarded the art protection in 1987 by the OLG in Munich.

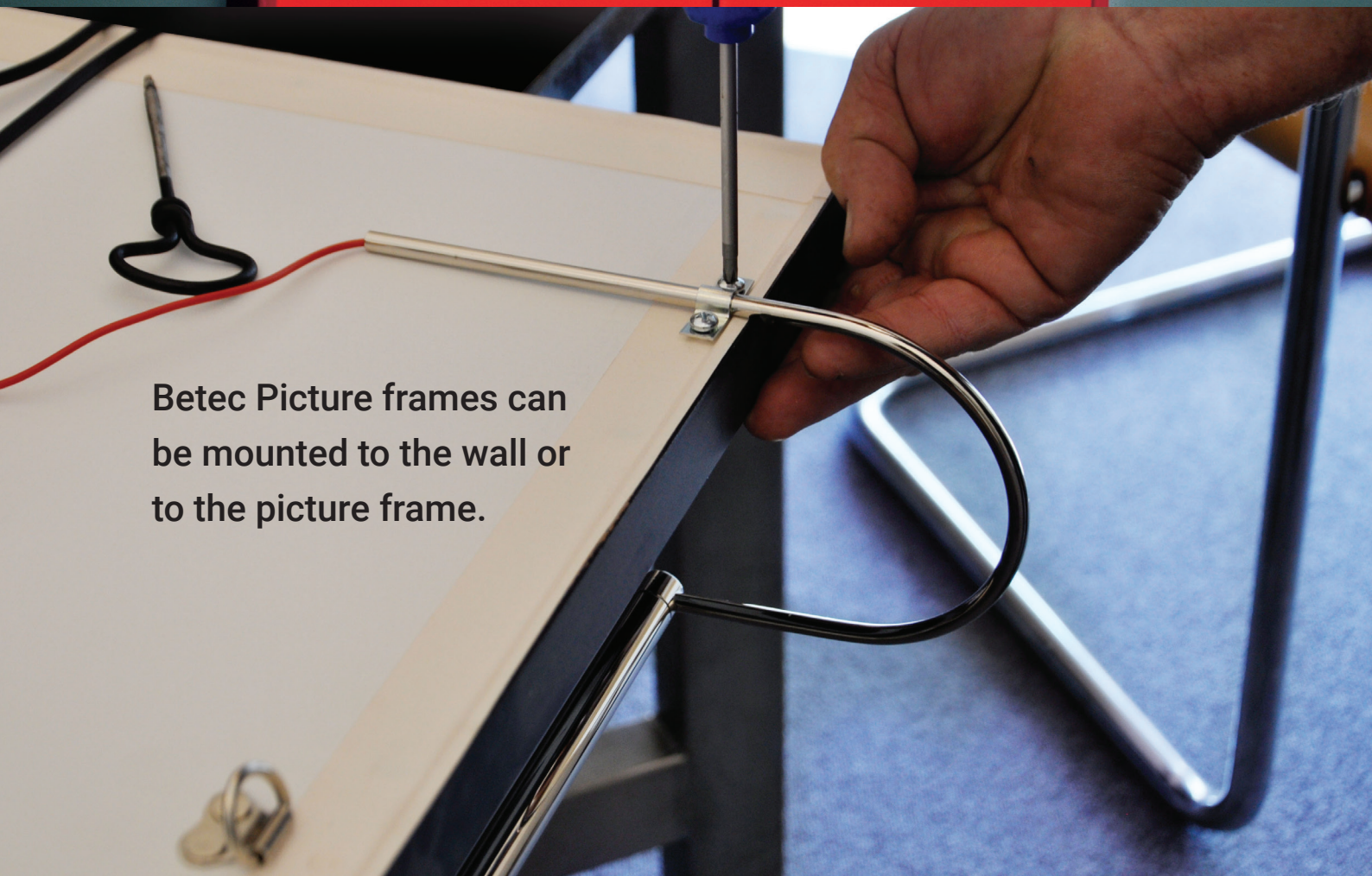
The new bulb is a tightly-packed light band of warm white LED's set and sealed in an acrylic tube. The advantage: Only 15% of the current electricity consumption without any warning of the illuminated painting or object. The LED's have a long-living up to 50.000 hours.



Betec Ranges

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Betec Picture frames can
be mounted to the wall or
to the picture frame.

Quality and Design

The components of all the Betec picture lighting models are manufactured in their factory using the traditional metalworking craft. Craftsmanship permeates all steps in the process from the selection of raw materials through processing to surface finishing. Galvanic processes for medical instruments are conducted in the factory; all paints are hand applied and cured at 180°C. Timeless design should be also timeless in its durability.



Clarus

The latest advances in lighting technology right now are characterised by LED lamps. The highly constant light output alongside low power consumption and an extremely long lifespan are ideal conditions for modern picture lighting.

Application: lighting pictures, menus and music stands.



Polished Nickel



Chrome



Bronze



Polished Brass



Black



Type 11

Other Style Arms are Available



LED Colour Temperature Code (insert in double blank space __ in order code)

2400K Warm White	MW	RA 80+/ 750Lm/m
2700K Warm White	MN	RA 90+/ 1640Lm/m
3000K Warm White	MT	RA 90+/ 750Lm/m

Clarus LED Picture Light 160mm

Finish	Order Code	Wattage	Dimmable	Voltage	Length	IP Rating	CRI
Polished Nickel	BE01N001__11 NKL	0.5W	Yes	24V	160mm	IP20	94
Chrome	BE01C001__11 CHR	0.5W	Yes	24V	160mm	IP20	94
Bronze	BE01B001__11 BRZ	0.5W	Yes	24V	160mm	IP20	94
Polished Brass	BE01M001__11 BR	0.5W	Yes	24V	160mm	IP20	94
Black	BE01SM01__11 BLK	0.5W	Yes	24V	160mm	IP20	94

Clarus LED Picture Light 260mm

Finish	Order Code	Wattage	Dimmable	Voltage	Length	IP Rating	CRI
Polished Nickel	BE01N002__11 NKL	1.5W	Yes	24V	260mm	IP20	94
Chrome	BE01C002__11 CHR	1.5W	Yes	24V	260mm	IP20	94
Bronze	BE01B002__11 BRZ	1.5W	Yes	24V	260mm	IP20	94
Polished Brass	BE01M002__11 BR	1.5W	Yes	24V	260mm	IP20	94
Black	BE01SM02__11 BLK	1.5W	Yes	24V	260mm	IP20	94

Clarus LED Picture Light 360mm

Finish	Order Code	Wattage	Dimmable	Voltage	Length	IP Rating	CRI
Polished Nickel	BE01N003__11 NKL	2.5W	Yes	24V	360mm	IP20	94
Chrome	BE01C003__11 CHR	2.5W	Yes	24V	360mm	IP20	94
Bronze	BE01B003__11 BRZ	2.5W	Yes	24V	360mm	IP20	94
Polished Brass	BE01M003__11 BR	2.5W	Yes	24V	360mm	IP20	94
Black	BE01SM03__11 BLK	2.5W	Yes	24V	360mm	IP20	94

Clarus LED Picture Light 460mm

Finish	Order Code	Wattage	Dimmable	Voltage	Length	IP Rating	CRI
Polished Nickel	BE01N004__11 NKL	3.5W	Yes	24V	460mm	IP20	94
Chrome	BE01C004__11 CHR	3.5W	Yes	24V	460mm	IP20	94
Bronze	BE01B004__11 BRZ	3.5W	Yes	24V	460mm	IP20	94
Polished Brass	BE01M004__11 BR	3.5W	Yes	24V	460mm	IP20	94
Black	BE01SM04__11 BLK	3.5W	Yes	24V	460mm	IP20	94

Clarus LED Picture Light 560mm

Finish	Order Code	Wattage	Dimmable	Voltage	Length	IP Rating	CRI
Polished Nickel	BE01N005__11 NKL	4.5W	Yes	24V	560mm	IP20	94
Chrome	BE01C005__11 CHR	4.5W	Yes	24V	560mm	IP20	94
Bronze	BE01B005__11 BRZ	4.5W	Yes	24V	560mm	IP20	94
Polished Brass	BE01M005__11 BR	4.5W	Yes	24V	560mm	IP20	94
Black	BE01SM05__11 BLK	4.5W	Yes	24V	560mm	IP20	94

Clarus LED Picture Light 660mm

	Order Code	Wattage	Dimmable	Voltage	Length	IP Rating	CRI
Polished Nickel	BE01N006__11 NKL	5.5W	Yes	24V	660mm	IP20	94
Chrome	BE01C006__11 CHR	5.5W	Yes	24V	660mm	IP20	94
Bronze	BE01B006__11 BRZ	5.5W	Yes	24V	660mm	IP20	94
Polished Brass	BE01M006__11 BR	5.5W	Yes	24V	660mm	IP20	94
Black	BE01SM06__11 BLK	5.5W	Yes	24V	660mm	IP20	94

Clarus LED Picture Light 760mm

Finish	Order Code	Wattage	Dimmable	Voltage	Length	IP Rating	CRI
Polished Nickel	BE01N007__11 NKL	6.5W	Yes	24V	760mm	IP20	94
Chrome	BE01C007__11 CHR	6.5W	Yes	24V	760mm	IP20	94
Bronze	BE01B007__11 BRZ	6.5W	Yes	24V	760mm	IP20	94
Polished Brass	BE01M007__11 BR	6.5W	Yes	24V	760mm	IP20	94
Black	BE01SM07__11 BLK	6.5W	Yes	24V	760mm	IP20	94

Clarus LED Picture Light 860mm

Finish	Order Code	Wattage	Dimmable	Voltage	Length	IP Rating	CRI
Polished Nickel	BE01N008__11 NKL	7.5W	Yes	24V	860mm	IP20	94
Chrome	BE01C008__11 CHR	7.5W	Yes	24V	860mm	IP20	94
Bronze	BE01B008__11 BRZ	7.5W	Yes	24V	860mm	IP20	94
Polished Brass	BE01M008__11 BR	7.5W	Yes	24V	860mm	IP20	94
Black	BE01SM08__11 BLK	7.5W	Yes	24V	860mm	IP20	94

Clarus LED Picture Light 960mm

Finish	Order Code	Wattage	Dimmable	Voltage	Length	IP Rating	CRI
Polished Nickel	BE01N009__11 NKL	8.5W	Yes	24V	960mm	IP20	94
Chrome	BE01C009__11 CHR	8.5W	Yes	24V	960mm	IP20	94
Bronze	BE01B009__11 BRZ	8.5W	Yes	24V	960mm	IP20	94
Polished Brass	BE01M009__11 BR	8.5W	Yes	24V	960mm	IP20	94
Black	BE01SM09__11 BLK	8.5W	Yes	24V	960mm	IP20	94

Clarus LED Picture Light 1060mm

Finish	Order Code	Wattage	Dimmable	Voltage	Length	IP Rating	CRI
Polished Nickel	BE01N010__11 NKL	9.5W	Yes	24V	1060mm	IP20	94
Chrome	BE01C010__11 CHR	9.5W	Yes	24V	1060mm	IP20	94
Bronze	BE01B010__11 BRZ	9.5W	Yes	24V	1060mm	IP20	94
Polished Brass	BE01M010__11 BR	9.5W	Yes	24V	1060mm	IP20	94
Black	BE01SM10__11 BLK	9.5W	Yes	24V	1060mm	IP20	94

Clarus LED Picture Light 1160mm

Finish	Order Code	Wattage	Dimmable	Voltage	Length	IP Rating	CRI
Polished Nickel	BE01N011__11 NKL	10.5W	Yes	24V	1160mm	IP20	94
Chrome	BE01C011__11 CHR	10.5W	Yes	24V	1160mm	IP20	94
Bronze	BE01B011__11 BRZ	10.5W	Yes	24V	1160mm	IP20	94
Polished Brass	BE01M011__11 BR	10.5W	Yes	24V	1160mm	IP20	94
Black	BE01SM11__11 BLK	10.5W	Yes	24V	1160mm	IP20	94

Clarus Type 11 Coupling Arm

Finish	Order Code
Polished Nickel	BE51BK11EN00
Chrome	BE51BK11EC00
Bronze	BE51BK11EB00
Polished Brass	BE51BK11EM00
Black	BE51BK11ES00

The Clarus Type 11 Coupling Arm is an accessory for the Clarus Range. It is used to join together two Clarus LED Picture Lights to form one of a larger size for bigger paintings.





Galerie

The latest advances in lighting technology right now are characterised by LED lamps. The highly constant light output alongside low power consumption and an extremely long lifespan are ideal conditions for modern picture lighting. The Galeria is aluminium with a painted finish.

Application: lighting pictures, menus and music stands.



Matt Silver



Type 11



Galerie LED Picture Light 275mm

Finish	Order Code	Wattage	Colour Temp	Dimmable	Voltage	Length	IP Rating	CRI
Silver	BE02SE27MN11	1.8W	2700K	Yes	24V	275mm	IP20	94

Galerie LED Picture Light 475mm

Finish	Order Code	Wattage	Colour Temp	Dimmable	Voltage	Length	IP Rating	CRI
Silver	BE02SE47MN11	4.2W	2700K	Yes	24V	475mm	IP20	94

Galerie LED Picture Light 620mm

Finish	Order Code	Wattage	Colour Temp	Dimmable	Voltage	Length	IP Rating	CRI
Silver	BE02SE62MN11	6W	2700K	Yes	24V	620mm	IP20	94

Galerie LED Picture Light 760mm

Finish	Order Code	Wattage	Colour Temp	Dimmable	Voltage	Length	IP Rating	CRI
Silver	BE02SE76MN11	7.2W	2700K	Yes	24V	760mm	IP20	94

Galerie LED Picture Light 875mm

Finish	Order Code	Wattage	Colour Temp	Dimmable	Voltage	Length	IP Rating	CRI
Silver	BE02SE87MN1	9W	2700K	Yes	24V	875mm	IP20	94

Angulus

A novelty in our range of lamps is the “Angulus” picture light. The angular shape of the light fits in more harmoniously with corresponding picture frames. As with all our picture lamps, the lighting profile can be rotated in order to have the optimal light level set. This lamp has a duo LED illuminant, which allowed the light output to be doubled. Particularly suitable as display lighting.

Application: lighting pictures, menus and music stands.



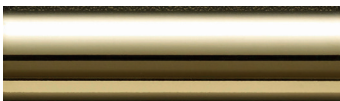
Polished Nickel



Chrome



Bronze



Polished Brass



Black



Other Style Arms are Available

Type 15



LED Colour Temperature Code (insert in double blank space __ in order code)

2400K Warm White	DW	RA 80+/1500Lm/m
2700K Warm White	DN	RA 90+/3280Lm/m
3000K Warm White	DT	RA 90+/1500Lm/m

Angulus LED Picture Light 250mm

Finish	Order Code	Wattage	Dimmable	Voltage	Length	IP Rating	CRI
Polished Nickel	BE04N002__15 NKL	6W	Yes	24V	250mm	IP20	94
Chrome	BE04C002__15 CHR	6W	Yes	24V	250mm	IP20	94
Bronze	BE04B002__15 BRZ	6W	Yes	24V	250mm	IP20	94
Polished Brass	BE04M002__15 BR	6W	Yes	24V	250mm	IP20	94
Black	BE04SM02__15 BLK	6W	Yes	24V	250mm	IP20	94

Angulus LED Picture Light 500mm

Finish	Order Code	Wattage	Dimmable	Voltage	Length	IP Rating	CRI
Polished Nickel	BE04N005__15 NKL	13W	Yes	24V	500mm	IP20	94
Chrome	BE04C005__15 CHR	13W	Yes	24V	500mm	IP20	94
Bronze	BE04B005__15 BRZ	13W	Yes	24V	500mm	IP20	94
Polished Brass	BE04M005__15 BR	13W	Yes	24V	500mm	IP20	94
Black	BE04SM05__15 BLK	13W	Yes	24V	500mm	IP20	94

Angulus LED Picture Light 750mm

Finish	Order Code	Wattage	Dimmable	Voltage	Length	IP Rating	CRI
Polished Nickel	BE04N007__15 NKL	20W	Yes	24V	750mm	IP20	94
Chrome	BE04C007__15 CHR	20W	Yes	24V	750mm	IP20	94
Bronze	BE04B007__15 BRZ	20W	Yes	24V	750mm	IP20	94
Polished Brass	BE04M007__15 BR	20W	Yes	24V	750mm	IP20	94
Black	BE04SM07__15 BLK	20W	Yes	24V	750mm	IP20	94

Angulus LED Picture Light 1000mm

Finish	Order Code	Wattage	Dimma-ble	Voltage	Length	IP Rating	CRI
Polished Nickel	BE04NO10__15 NKL	27W	1500	24V	1000mm	IP20	94
Chrome	BE04CO10__15 CHR	27W	1500	24V	1000mm	IP20	94
Bronze	BE04BO10__15 BRZ	27W	1500	24V	1000mm	IP20	94
Polished Brass	BE04MO10__15 BR	27W	1500	24V	1000mm	IP20	94
Black	BE04SM10__15 BLK	27W	1500	24V	460mm	IP20	94

Angulus Type 15 Coupling Arm

Finish	Order Code
Polished Nickel	BE51BK15EN00
Chrome	BE51BK15EC00
Bronze	BE51BK15EB00
Polished Brass	BE51BK15EM00
Black	BE51BK15ES00

The Angulus Type 15 Coupling Arm is an accessory for the Angulus Range. It is used to join together two Angulus LED Picture Lights to form one of a larger size for bigger paintings.





Maximus

In order to illuminate large paintings with strong frames, a correspondingly larger picture light is required to optically balance the picture and the light. This is why the „Maximus“ picture light was created, which can be used for pictures up to several metres wide. Using this lamp as painting or museum lighting also has a secondary effect of brightening the room. The output light mainly brightens the object in question, but the inevitable scattered light emitted from the lamp fills the room with a basic level of brightness that is an unperceived requirement for our well-being.

Application: picture lighting, shelf lighting and wall lighting.



Polished Nickel



Chrome



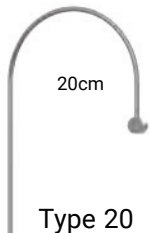
Bronze



Polished Brass



Black



Other Style Arms are Available

Type 20



LED Colour Temperature Code (insert in double blank space __ in order code)

2400K Warm White	DW	RA 80+/1500Lm/m
2700K Warm White	DN	RA 90+/3280Lm/m
3000K Warm White	DT	RA 90+/1500Lm/m

Maximus LED Picture Light 490mm

Finish	Order Code	Wattage	Dimmable	Voltage	Length	IP Rating	CRI
Polished Nickel	BE17N005__20 NKL	12W	Yes	24V	490mm	IP20	94
Chrome	BE17C005__20 CHR	12W	Yes	24V	490mm	IP20	94
Bronze	BE17B005__20 BRZ	12W	Yes	24V	490mm	IP20	94
Polished Brass	BE17M005__20 BR	12W	Yes	24V	490mm	IP20	94
Black	BE17SM05__20 BLK	12W	Yes	24V	490mm	IP20	94

Maximus LED Picture Light 650mm

Finish	Order Code	Wattage	Dimmable	Voltage	Length	IP Rating	CRI
Polished Nickel	BE17N006__20 NKL	16W	Yes	24V	650mm	IP20	94
Chrome	BE17C006__20 CHR	16W	Yes	24V	650mm	IP20	94
Bronze	BE17B006__20 BRZ	16W	Yes	24V	650mm	IP20	94
Polished Brass	BE17M006__20 BR	16W	Yes	24V	650mm	IP20	94
Black	BE17SM06__20 BLK	16W	Yes	24V	650mm	IP20	94

Maximus LED Picture Light 770mm

Finish	Order Code	Wattage	Dimmable	Voltage	Length	IP Rating	CRI
Polished Nickel	BE17N007__20 NKL	19W	Yes	24V	770mm	IP20	94
Chrome	BE17C007__20 CHR	19W	Yes	24V	770mm	IP20	94
Bronze	BE17B007__20 BRZ	19W	Yes	24V	770mm	IP20	94
Polished Brass	BE17M007__20 BR	19W	Yes	24V	770mm	IP20	94
Black	BE17SM07__20 BLK	19W	Yes	24V	770mm	IP20	94

Maximus LED Picture Light 950mm

Finish	Order Code	Wattage	Dimmable	Voltage	Length	IP Rating	CRI
Polished Nickel	BE17N009__20 NKL	24W	Yes	24V	950mm	IP20	94
Chrome	BE17C009__20 CHR	24W	Yes	24V	950mm	IP20	94
Bronze	BE17B009__20 BRZ	24W	Yes	24V	950mm	IP20	94
Polished Brass	BE17M009__20 BR	24W	Yes	24V	950mm	IP20	94
Black	BE17SM09__20 BLK	24W	Yes	24V	950mm	IP20	94

Maximus LED Picture Light 1250mm

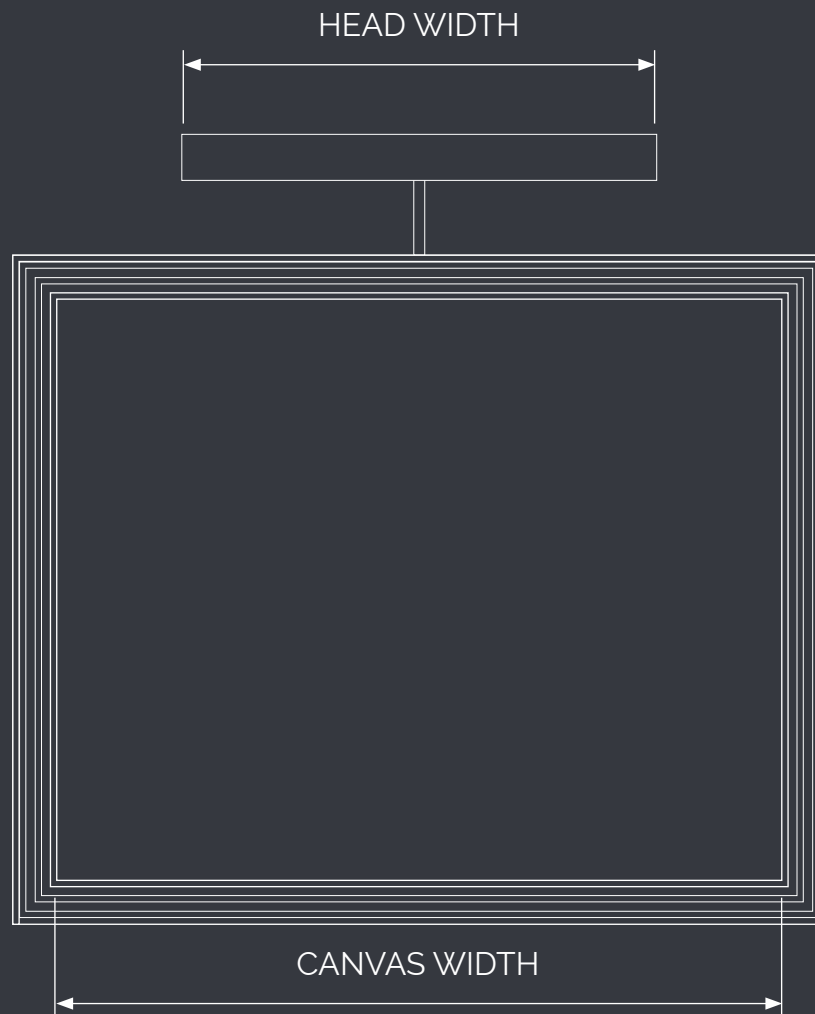
Finish	Order Code	Wattage	Dimmable	Voltage	Length	IP Rating	CRI
Polished Nickel	BE17N012__20 NKL	33W	Yes	24V	1250mm	IP20	94
Chrome	BE17C012__20 CHR	33W	Yes	24V	1250mm	IP20	94
Bronze	BE17B012__20 BRZ	33W	Yes	24V	1250mm	IP20	94
Polished Brass	BE17M012__20 BR	33W	Yes	24V	1250mm	IP20	94
Black	BE17SM012__20 BLK	33W	Yes	24V	1250mm	IP20	94

Maximus LED Picture Light 1550mm

Finish	Order Code	Wattage	Dimmable	Voltage	Length	IP Rating	CRI
Polished Nickel	BE17N015__20 NKL	42W	Yes	24V	1550mm	IP20	94
Chrome	BE17C015__20 CHR	42W	Yes	24V	1550mm	IP20	94
Bronze	BE17B015__20 BRZ	42W	Yes	24V	1550mm	IP20	94
Polished Brass	BE17M015__20 BR	42W	Yes	24V	1550mm	IP20	94
Black	BE17SM15__20 BLK	42W	Yes	24V	1550mm	IP20	94

CANVAS HEIGHT

Choosing your Picture Light



Picture lights should be around two thirds of the canvas width.

For example; for a Canvas Width at 900mm, we'd choose a Picture Light from 550mm - 650mm.

LED Drivers



Betec LED Drivers Dimmable

Order Code	Wattage	Dimmable	Voltage	Length	Width	Depth
90VD24LD12	12W	Yes	24V	94mm	36mm	18mm
90VD24LD30	30W	Yes	24V	133mm	44mm	28mm



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