



FULLY APPRECIATE YOUR ART WITH GREAT LED PICTURE LIGHTING

by Iain McIntosh

There are so many types and styles of picture lights available to buy now and unfortunately most of them do not follow the essential components required to light art well. Some are low cost and others can be very expensive, but both will light art poorly. You can recognise these by experiencing the following sub-standard results:

- Over lit at the top
- Little or no light coverage further down or at the sides
- Glare points on the canvas
- Damaging heat, glare & UV from the lightsource
- Frequent lamp changes
- High running costs

Many lamp types are used in picture lights and here are a few that don't light art well. They have been selected for use in picture lights because of their size rather than their performance:

- Candle lamps
- G9 Capsule lamps
- S15 221mm & 284mm tube picture lamps
- MR11 lamps

To truly light art well and gain the most from your picture lights the following points must be insisted on:

Colour Temperature

A warm white light (2,700K is ideal)

Colour Rendering Index

A high CRI is required to bring out the rich colours, definition & brush strokes in the paintings. Insist on >95 CRI.

Head Size, Arm Position & LED Spacing and Lensing

These 3 dynamics must work together to gain the best coverage across the canvas.

For example, when lighting a ½ portrait size painting (50”x 40”). This can be done with a smaller head if it has the correctly sized arms and the configuration of lensing and spacing is correct. This can also be lit with a larger head with shorter arms and a different configuration of lighting.

The arms need to be calculated to give the correct elevation & projection for the head size. Swivel knuckles should be present to gain the desired head position and angle. This will shield the LED source and remove any glare.

Lighting Levels

Each picture light should be supplied with its own dedicated dimmer to ensure correct levels are achieved. Over lighting can be a lot worse than under lighting and a painting’s ideal light level will depend on its content, colours and brush strokes.

Did you know - You can now upgrade a poorly performing picture light

If you have a picture light and are not happy with the light coverage from it, there is now a quick & easy option to upgrade it and dramatically improve the light coverage across your painting. These kits are sized to fit into your existing head with correctly spaced and lensed LEDs to cover the required canvas size. They come with a dimming kit and properly sized arms.

We recently upgraded the picture lighting in the Long Gallery at Castle Howard using this technology and you can see how the art collection stands out now.

If you would like further details on any of the above, please do make contact.

Iain McIntosh

www.heritagelightingmatters.com

iain@heritagelightingmatters.com

07793 581314

Trusted to light the finest art



“With over 20 years of LED lighting experience, I wanted to develop a high quality, low cost & easy to install LED upgrade kit to light art well, and this product does just that.”

- Iain McIntosh

Picture Perfect Art Lighting

LED Upgrade Kits that will transform your art
Compatible with all picture light heads



Old Technology



New LED Upgrade Kit



Our LED Upgrade Kits
in Castle Howard