

## The CrystalColor family

For maintenance free and uninterrupted illumination

---

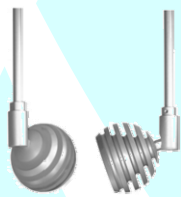
The CrystalColor LED lighting equals the light output of the most common halogen lighting and offers you the following unique benefits:

- Delivers high quality white light or pure colours, directly generated by the LED crystals
- Has a lifetime of over 50.000 hours; no re-lamping over a period of nine years
- Produces no harmful radiation (infrared or ultraviolet); does not affect your valuable belongings.

Due to the maintenance free life time of over nine years, the ALL CrystalColor family is the most reliable light source and in terms of cost of ownership also the most efficient light source available today. The CrystalColor can save up to 77% of your energy costs. CrystalColor spotlights are made in compact, stylish housings that can be mounted easily to walls, ceilings and other structures. The unique housings are made of aluminium and the LED assembly is sealed for life and suitable for indoor and outdoor use.

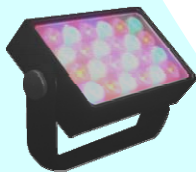
The three most popular CrystalColor fixtures are:

### CrystalColor 3 - CC 3



The compact bowl shaped CrystalColor 3 has a diameter of only 70mm and is mounted on a pendant of 10mm. For the pendant many accessories are available: ceiling plates, knee-joints, rail systems, fixed mounting points etc. The CC3 is used in a wide variety of locations such as in museums, art galleries, shops, showrooms, cinemas, theatres, saunas, swimming pools, laboratories and hospitals.

### CrystalColor 5 - CC 5



The CrystalColor 5 is a powerful LED fixture particularly designed for high light output. The CC5 is also often used with the ColorMotion® RGB colour changer. Typical applications are wall washing, daylight intensification and general lighting. The CC5 is supplied with a mounting bracket. Dimensions are: 153(W)x94(H)x55(D)mm.

### CrystalColor 7 - CC 7



The CC7 is pleasant to see, but because of its small size the unit will be hardly visible in most environments. Standard the CC7 is supplied with a mounting bracket. Additional brackets for wall washing and theatre clamps are also available. The CC7 is popular in museums, art galleries, shops, showrooms, cinemas, theatres, television studios, saunas, swimming pools, building and garden lighting. The CrystalColor 7 is also used as a replacement of the light source in design lighting fixtures. The dimensions are 90(W)x60(H)x55(D)mm.

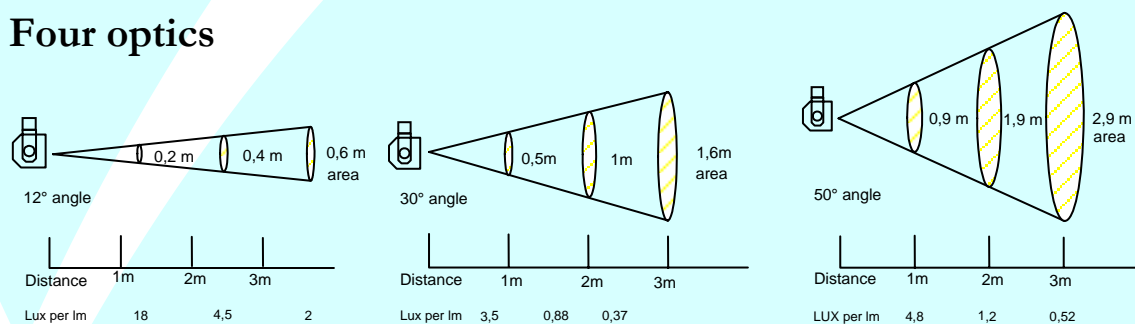
## Light Colours

Light colours are determined by the choice and mix of LED's. In practice every colour can be made in a monochrome light frequency or rendered out of multiple colours. White light is available between 2900K and 8000K. Rendering factor of RA90 is possible. When pure light colours are used, these colours are directly generated by the crystals of the (LED) light source. The complete visible spectrum from blue to red (450 to 645 nm) is available.

## Light output

The light output for the CrystalColor family varies per colour and by the choice of the LED driver. A configuration guide is published on our website where you can find actual values of the light output.

## Four optics



The heart of the CrystalColor family is the MultiMirror® optic that guaranties a minimum loss of light and the ability to drop the light with high efficiency on the required place. The CrystalColor comes with standard optics of: 12°, 30°, 50° and an elliptical light beam of 12°x50°. The ALL elliptical lenses are popular to drop a wash light along walls and ceilings or for the illumination of glass structures and windows.

## Fixture housing

All fixtures are made out of one piece of solid aluminium. The LED assemblies are sealed for life. The standard colour of the housing is anodised blank or black. Special colours are available on request. All accessories like pendent's, clips, knee-joints, brackets etc. are offered in the same colours as the fixtures.

## Electrical Specifications

To enhance the CrystalColor family All4light developed remarkable LED drivers that are equipped with NanoPower® technology. These drivers conduct a perfect balance between lifetime and light output of the fixture. Dedicated types of NanoPower® LED drivers are available to suit any application for indoor and outdoor use.

For more information please contact:

+31.35.5429.559 or email to: [info@all4light.com](mailto:info@all4light.com)

[www.all4light.com](http://www.all4light.com)