

### **CBL Full Color Balance Lens**

CBL lens is a full color balance measuring device for perfect manual white balance setting of digital cameras with following major characteristics.

- The easiest handling than any other existing white balance measuring devices
- No need for post processing, accurate true color already from original photo.
- Quick focusing and effective collecting of side light thanks to the special surface design
- Specially powerful in the complex mixed lighting environment
- Double function. 18% grey back side for exposure measuring
- Weather and water proof for any tough situation
- No change of performance thanks to the specially selected, not degrading material
- Compact form for easy and comfortable carrying anywhere, anytime
- Only one CBL lens for all the cameras and exchange lenses

### **Digital photo and true color**

Capturing correct color through the image sensor of digital camera is always most tough mission of digital camera designers. As the digital camera has no capability to judge the lighting environment by itself, there is no way to record digital image with correct color without assistance of manual white balance. To achieve best manual white balance, photographers need good white balance tool to teach the digital camera correctly.

Even though there are many different white balance assistant tools on the market, most of them is not working perfect or not friendly to use.

Now the easiest and the most effective manual white balance setting can be done with CBL lens.

It's patented special design enables to collect all the available surrounding lights and split, remix them in full range of spectrum and guide them to the image sensor of the camera.

The camera's internal CPU can then do the rest work for most effective and correct color adjustment to produce final true color digital image.

### **Innovative technique**

CBL lens is a result of long development time and high investment for research.

The patented unique shapes and the size of each prisms and grooves, specially designed front surface material and the condense lens together ensure 100% homogeneous spectrum reflection into the camera image sensor.

The back side and frame material which is formulated by mixing 13 different colors ensures perfect 18% reflection through all the wavelengths of falling light.

As a result, CBL lens can guarantee perfect true color balance setting in all situations like studio, outdoor, portrait, scenery, close up etc. where the complex spectrum should be correctly measured.

### **Easy and friendly handling**

Unlike some other white balance tools on the market which needs to be purchased in several different sizes for the different exchange lens to be used, only one CBL lens can work for all the cameras and exchange lenses.

It is not necessary to attach and detach in front of the lens at each measurement process. Photographers should only hold the CBL lens on one hand and place it about an arm length apart from the camera lens.

After taking photo of CBL lens by filling at least 70% of the view finder, it is used for the manual white balance setting reference picture of the camera.

It is only needed to be careful for the shades made by too near approach to the camera and the direct reflected light from the photographer's intensively colored clothes.

### **Brilliant result compared to the other tools**

When compared to the other manual white balance tools like simple white paper, wall or grey card, filter types etc., CBL lens shows always best result even with small differences.

And the more important fact is that the CBL lens will guarantee same good result at every situation unlike other tools which can show "not bad" result only some times at certain situation.

### **Marketing in Germany and EU**

In Germany and EU countries, CBL lens can be purchased at the designated dealers and online shops. Up to date information about the dealers in the nearest area can be found at CBL Europe's website under [www.cbllens.de](http://www.cbllens.de).

### **Contact for editorial**

CBL Europe GmbH

61440 Oberursel Germany

Tel : +49 6171 923313

Fax: +49 6171 580057

[info@cbllens.de](mailto:info@cbllens.de)