



OPTICS: PLANO -0,25 -0,50

FRAME: Special designed frame that is placed over existing spectacles

TREATMENT: ML Prima+

WEIGHT: 15 g

Many people experience problems with glare while driving at night. One reason for this problem is because of the bluish light commonly used in new modern car headlights, typically LED-lights. Another problem that some people experience is reduced visual ability because of night myopia.

To help these people we have created a solution that addresses these issues, and it is mounted in our new Hang-On frame.



ML Night Cover has the following features:

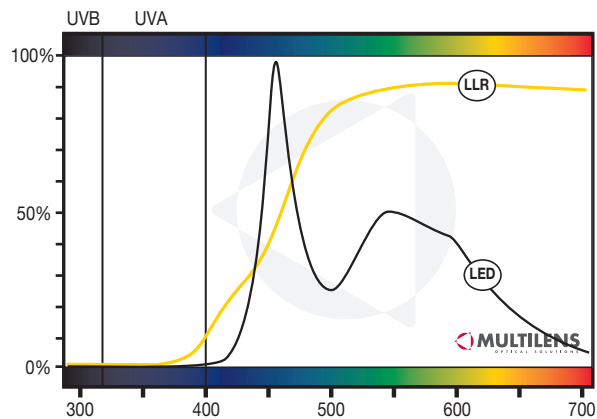
- A special filter color that blocks the most intense blue light but let's through as much of the remaining light as possible
- Always comes with an anti-reflex treatment for maximal transmission of light and reduction of disturbing reflexes
- Also available with corrections for night myopia (-0,25 and -0,50)
- The lenses are mounted in a Hang-On frame which makes it possible to combine existing spectacles with ML Night Cover if needed



The special filter was developed and tested during the winter 2013 / 2014 with very good results. The filter reduces the glaring peak in the wavelength spectrum of LED lights, whilst it is designed to reduce the total amount of light as little as possible. We named the filter ML Filter LLR (LLR = LED Light Reduction). The filter is obviously standard in all our ML Night Covers, but is also possible to tint on our standard lenses in the same way as our other ML Filters.

ML Night Cover test kit

The best way to find out which version of ML Night Cover that suits a person, is simply to try the different versions. To aid this process we have created a test kit with the 3 different alternatives. This kit is preferably lent to the potential user for testing a couple of evenings / nights. The test kit consists of 3 frames with the corrections plano, -0,25 and -0,50.



Due to technical constraints for high intensity LED-headlights, the typical wavelength curve for these lights looks as above. Our LLR-filter cuts off the peak around 450 nm, which results in less glare and better comfort.