

# **SUPERLINEA LENSES**

## ***Analysis with RGBW LEDs***

March 1, 2019 – Rev. 1

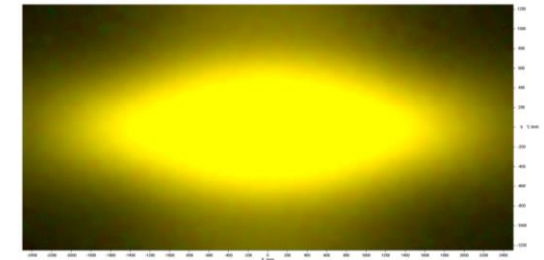
## SUPERLINEA Analysis with RGBW LEDs

### PLL2091WI

Real color render

Light projected onto a plane perpendicular to the optical axis placed at a distance of 2m from the lens.

Target surface is 2.5m x 5m

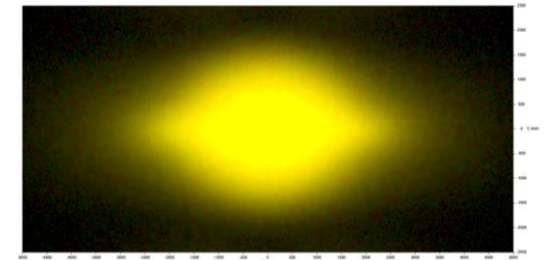


### PLL2091EW

Real color render

Light projected onto a plane perpendicular to the optical axis placed at a distance of 2m from the lens.

Target surface is 5m x 10m



### PLL2091UW

Real color render

Light projected onto a plane perpendicular to the optical axis placed at a distance of 2m from the lens.

Target surface is 5m x 10m



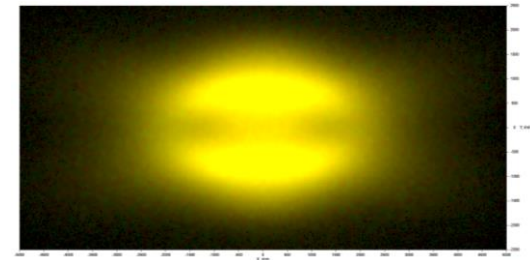
## SUPERLINEA Analysis with RGBW LEDs

### PLL2091AX

Real color render

Light projected onto a plane perpendicular to the optical axis placed at a distance of 2m from the lens.

Target surface is 5m x 10m

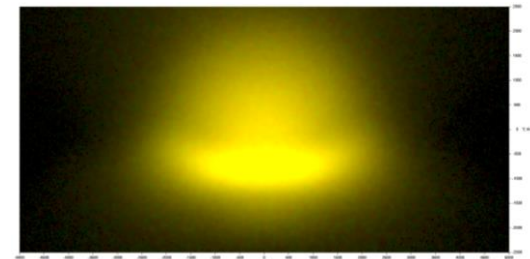


### PLL2091AS

Real color render

Light projected onto a plane perpendicular to the optical axis placed at a distance of 2m from the lens.

Target surface is 5m x 10m



## Circuit board layout

The simulations were carried out considering 2.5mm spacing between the LEDs and 50.8mm spacing between the clusters. If the clusters are closer, the color mixing outcome is better.

