

A faint, light-colored world map is visible in the background of the slide, centered behind the text.

**LED large aspect emission of light
module**

special plane emission LED down light

Optical Tech, Co., Ltd

I . Invent of special diffusing agent and aspect emission of light

Solve the problem of conventional LED light that emission of light self makes plane emission.



1. There is problem with high power LED light .That is point emission so bright too much somewhere. but We invent **soft light** what equally color .

2. The limit was effective angle 120 degree ,conventional product.

We invent **effective angle 150 degree** and high power by special diffusing agent.

II. We made large size aspect emission of light what noting else.

150 ~ 100 W Type	Light size of plane 120mm Φ (No.1 in the world)
50 ~ 30 W Type	Light size of plane 60mm Φ



III. Achieve color reproducibility

- LED element use the three primary color **RGB**.

We can recreate natural color and shadow.

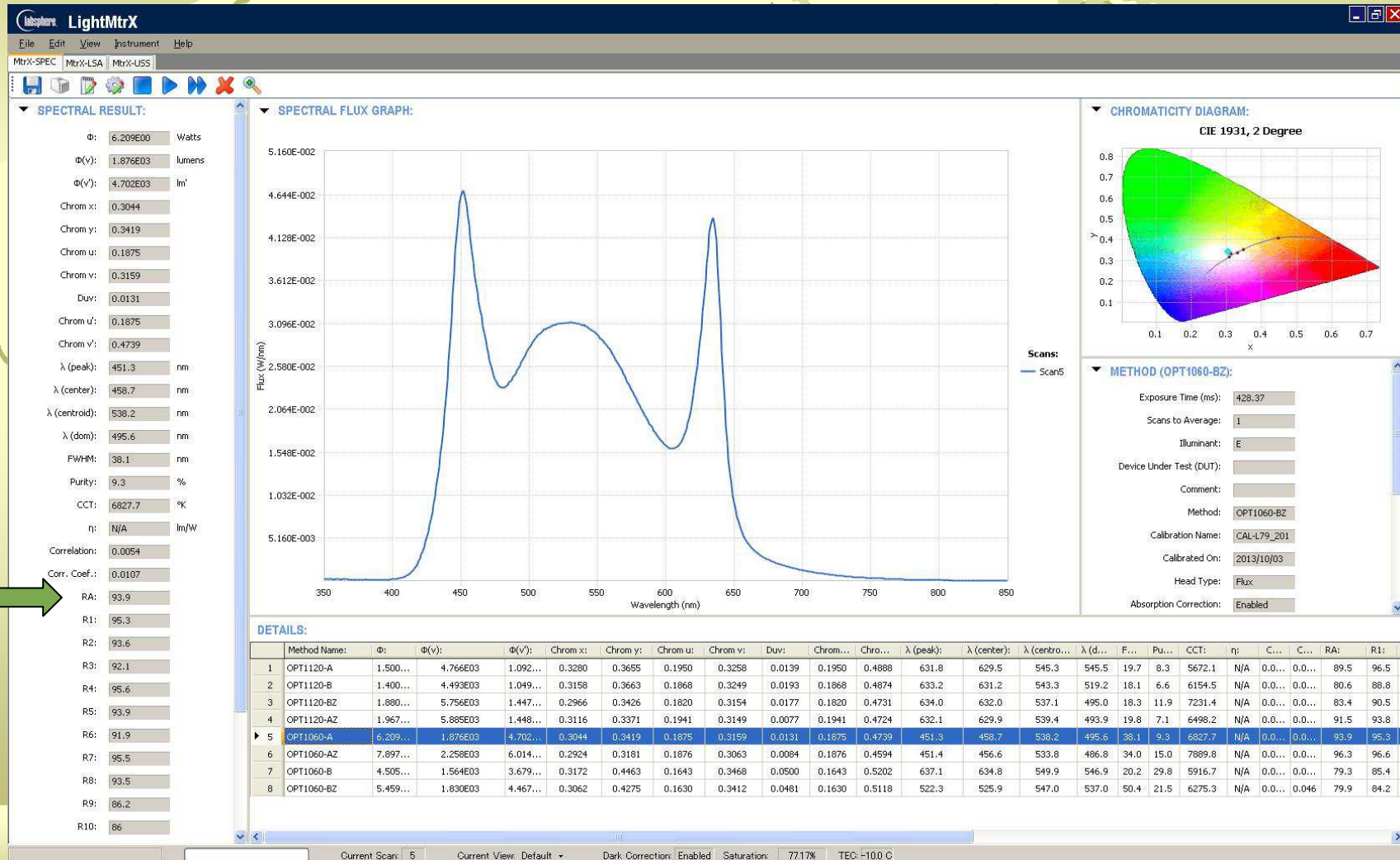
That means people don't get eye damage.

Conventional product's reproducibility level is 75~84
more than 90 is special use way.

[Investigation of particular market]

1. Promotion for art museum and public place, airport etc.
2. Promotion for food floor and fashion floor.
3. Promotion for hospital and medical care.
4. Promotion for filming, studio and stage.

Reproducibility of natural color Ra: 93.9



IV. We solve the problem of blue light

- LED element use the three primary color **R****G****B** element.

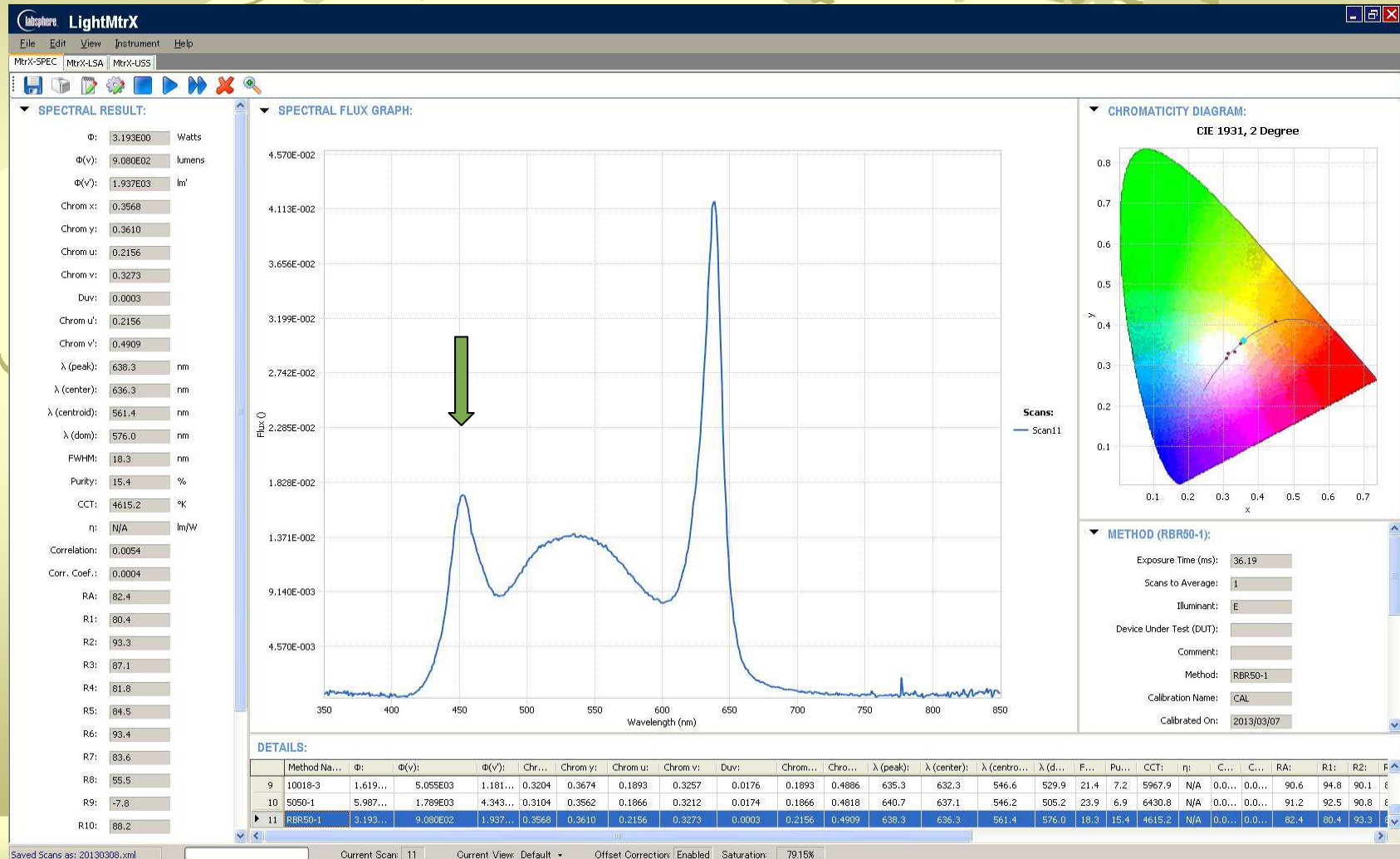
We success for control blue light by special skill.

(It's high percentage that blue light hurt eye's retina)

[Investigation of particular market]

1. Use for desk of study .(low power)
2. Promotion for school and hospital.
3. Promotion for public place.

Solve the problem of blue light



V. Proposition for New airport in ***

1. Use 100w module for height roof lamp
give **soft light** and high power but effective angle
150 degree.
2. Use 50w module for business building roof
It's possible **control color and power per area.**
3. Success to make high reproducibility of natural
color and shadow.
Seems like sunbeam ,also **soft light for eyes** because of
shadow is only one.