

Blue:Q  
The Gentle Revolution.



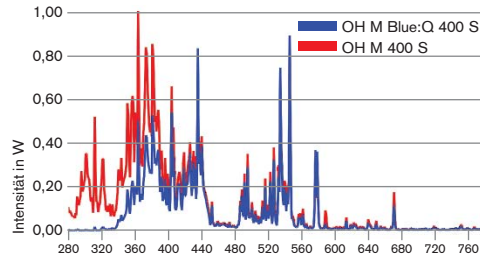
# Blue:Q – The New High Pressure Generation

## The latest from Original Hanau SunCare: Blue Q – a new generation of high pressure lamps

Blue: Q tanning lamps tan gently and provide excellent tanning results. The use of high pressure lamps for tanning is an established and proven technology. Blue:Q provides good tanning results while keeping within the  $0.3\text{W/m}^2$  limit.

Blue:Q is manufactured from innovative blue quartz glass, which differs from conventional quartz glass in terms of transmission.

This quartz glass emits only long wave radiation and cuts off the short wave section of the UV spectrum. Unwanted short wave radiation is reduced directly at source so that there is no need for costly filtration.



Comparison of the spectral Radiation strengths of OH M 400S and OH M Blue:Q 400 S.

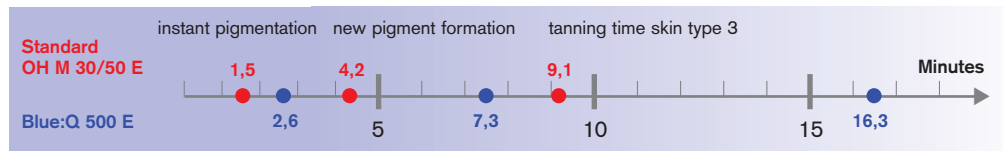
Blue:Q is a simple plug-and-play solution for converting old equipment to the new LVD limits of  $0.3\text{ W/m}^2$

There is no significant change in the tanning times to achieve instant pigmentation and new pigment formation.

## Blue:Q – Benefits for Equipment Manufacturers.

By installing Blue:Q, sunbed manufacturers can easily bring existing equipment within the  $0.3\text{ W/m}^2$  limit to ensure that they are suitable for sale in the EU. Development costs? Expensive matching filter plates? Not necessary. Simple replacement of the tanning lamps is all that is needed. Individual customer solutions are possible.

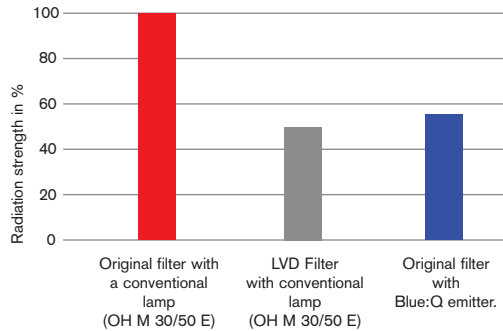
Blue:Q offers equipment manufacturers the possibilities of new designs and equipment concepts and, at the same time, allows high pressure solutions to meet the LVD limits. Thanks to higher UVA-output high pressure tanning provides benefits in the targeted tanning of particular body parts, such as the face, the neck and upper chest, the shoulders, the hands and the feet.



This comparison shows the tanning lamp with a standard filter plate.

The standards system relates to a operation in the range of  $0.6\text{W/m}^2$ , Blue:Q to the operation in the LVD-range of  $0.3\text{ W/m}^2$ .

# Blue:Q – The Products

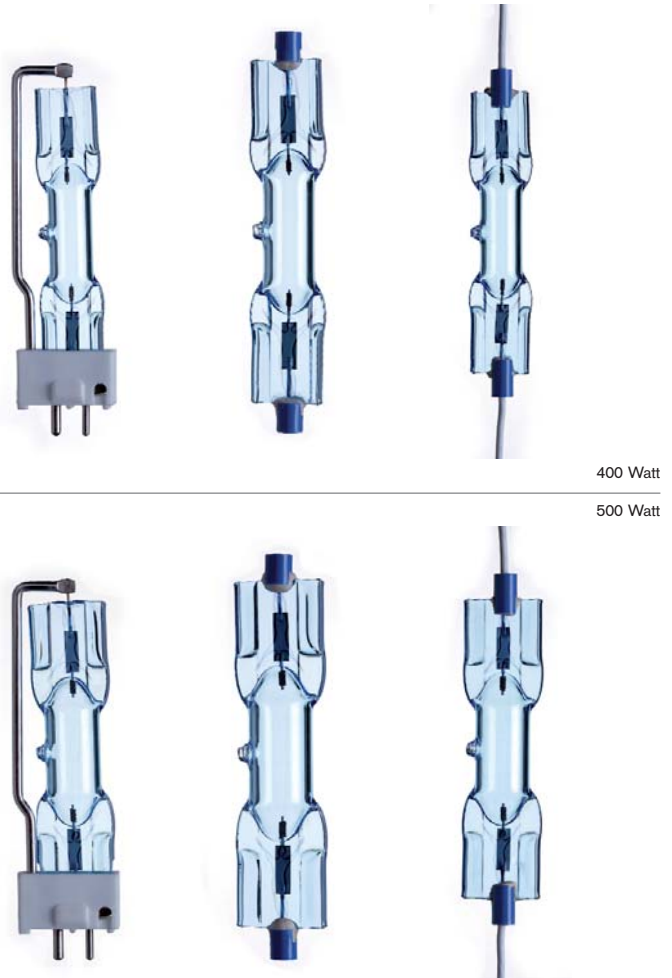


This comparison relates to the previous limit of  $0.6 \text{ W/m}^2$  (Group 2 as RTS)

## Blue:Q Products

Blue:Q tanning lamps are available with outputs of 400 and 500 Watts and in various socket versions (single-ended connection, leads, R7s). These lamps have already been tested in sunbeds under laboratory conditions.

Versions with higher power outputs are in development.



# Blue:Q – Simple Conversion of Old Equipment to Euro Standards.

Tanning studios can use Blue:Q for the same applications as conventional lamps.

Blue:Q brings existing equipment within the Euro standard of  $0.3 \text{ W/m}^2$ . A simple lamp replacement is all that is required.

There is no need for chokes, ventilation or filter plates to be changed. In many existing manufacturers' equipment, such as the Ergoline 600, Blue:Q supplies good tanning results throughout its operating life within the LVD limit of  $0.3 \text{ W/m}^2$ .

The independent Heraeus Measurement laboratory has measured and certified this application to DIN EN 60335.



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