

# CCT™ by LightTech – the New Lamp Effect

*CCT™ - Cup Cathode Technology marks a revolution in lamp design. For the first time ever, an innovative electrode sheath enables the lamp to perform without end blackening throughout its useful life. It not only improves the output by controlling the lamp's thermal economy, but also radically reduces loss of emission material known to cause this blackening. That is how LightTech is able to offer the New Lamp Effect!*

# HighTech by LightTech!



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**CCT™**  
by LightTech

**LightTech**

**The New Lamp Effect**



**LightTech**



# Goodbye to Black Ends!

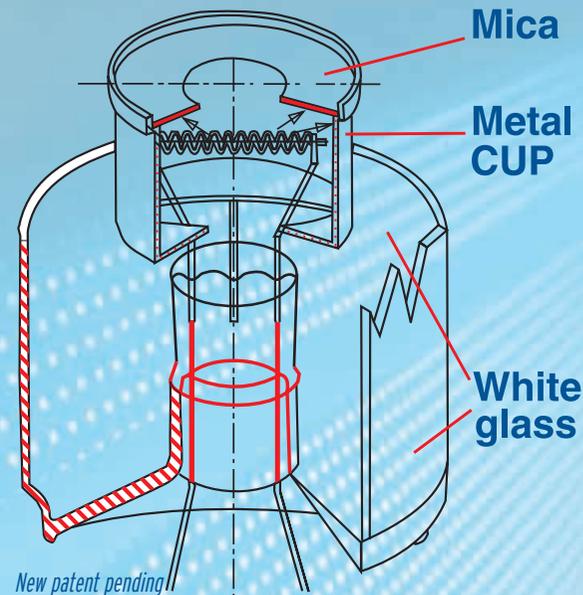
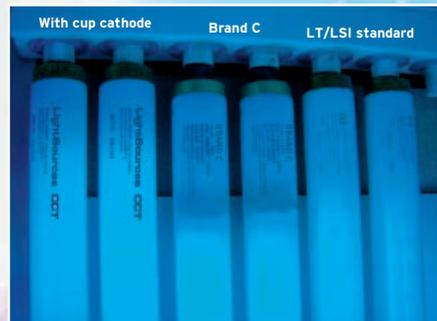
*Technological revolution prevents end darkening with more uv output*

The way the sunlamps blacken after prolonged operation has been viewed as a byproduct of conventional sunlamp technology. Now, LightTech has made a highly innovative leap in this area. Cup Cathode Technology now reliably stops lamp ends from blackening.

Regular tanners will be familiar with this scene. A customer goes into a tanning room, only to re-emerge moments later to look for a "better" room. The hunt for the „better" room game was triggered by ugly black ends on the lamps. Despite new lamp technology, blackening of this sort was deemed unavoidable. Yet it is a hot topic for both tanners and salon owners. A blackened lamp suggests old, neglected equipment and poor output. It literally puts the operator in a bad light, even if the lamps output is OK.

In recent years, sunlamp develop-

ment efforts were focused primarily on optimizing output and safety; reducing exposure times while simultaneously improving pigment formation, achieving more stable discharge processes, and improving the energy balance. LightTech has played a key role in each of these advances. However, no one had found a solution to the lamp darkening issue. No one, until now. LightTech has turned its attention to the problem and solved in an innovative way.



metal cover (the cup cathode). That may sound simple, but on closer review, it turns out to be a very clever design that brings far-reaching improvements compared with traditional lamp types. The sheath both optimizes the lamp's thermal efficiency and radically reduces the loss of emission material at the lamp ends. As a result, lamps can operate without blackening throughout their useful life. Customers will always feel that they are using a new lamp.

## CCT™ - colors the skin, not the lamp

The new technology developed by LightTech and launched as Cup Cathode Technology, signifies a revolutionary technological advance on traditional Longlife (VHR) lamps. The centerpiece of this patented high-tech solution is the complete sheathing of the filament or electrode in a special cup-shaped

LightTech currently offers a variety of CCT™ models ranging from 140W - >200W lamps. With this innovative type of lamp, LightTech has achieved a genuine breakthrough in tanning technology. It enables salon owners to get the best out of their lamps for a longer period of time, which of course, benefits the tanner. Light-Tech once again, confirms its status as the technology leader in indoor tanning lamps!