



# **THE NEW BRONZE AGE**

TANNING LAMPS AND TUBES



**PURE BRONZE**  
**SYLVANIA**

# A NEW AGE IS BEGINNING:

# THE BRONZE AGE



## **New colour is entering the tanning market.**

*Millions of people share the same ideal colour: all regular tanning bed users dream of having bronze-colored skin.*

*This colour is now set to become a symbol of high-quality tanning technology, direct from the manufacturer. A new age is coming: the Age of Pure Bronze.*

*A visible sign of this is the bronze cap or bronze head that you will find on more and more of our tanning tubes and lamps.*

## **Top quality from U to V.**

*Pure Bronze sets the standard – for tanning performance and long life. SLI Sylvania is one of the few manufacturers who offer the entire range of UV components from its own production range. By cutting out third-party manufacturers, we can guarantee the quality of our finished products during the production process itself.*

*Our multistage process of quality testing pulls no punches: Even the slightest deviations – invisible to you and your customers – are immediately rejected. In fact, Pure Bronze is synonymous with pure quality.*

**PURE BRONZE. PURE QUALITY.**





**Starting with a lead of more than 25 years.**

Each of our product contains decades of expertise from SLI Sylvania, one of the world's leading manufacturers of artificial light sources for all areas of life – from simple bulbs to complete lighting systems. Every day, more than 4,000 employees around the world are busy making light even more comfortable, efficient and attractive by means of revolutionary new developments such as the Microlynx compact fluorescent lamp or the BriteSpot halogen metal vapor lamp.

For more than 25 years we have been pioneers in the market for producing UV lamps. You are doubtless already familiar with our superior quality, and now – for the first time – this quality is available directly from the manufacturer.





# BANK ON THE REAL VALUES.



Quality in our eyes means only one thing: the best possible tanning result over the longest possible time. This is why we pay great attention in our UV elements to all the values that are crucial to achieving this effect:

**UVA irradiance:** UVA rays with their long wavelength penetrate into the deeper layers of the skin, where they tan the pigments that are present there. The result is an instant tan or instant pigmentation.

**UVB output:** The shortwave UVB radiation only penetrates the surface of the skin, where it triggers the formation of new pigments – this tanning effect becomes noticeable after about 48 to 72 hours.

**Sun erythema factor (fse):** This factor compares the UV irradiance of a tube with the midday sun at the equator. If the sun erythema factor of the tanning tube is trebled, the tanning time is reduced to a third.

## **Everything for a long life.**

Our UV lighting devices give you a lot of enjoyment, because their high UV output creates a lasting tan. Their special quality also guarantees a long service life.

Each one of our products has a life of at least 600 hours at more than 70 % of the UV output. And our comprehensive **LongLife Collection** even guarantees a minimum of 1000 hours. This is thanks to our sophisticated **Protective Shielding**, coating procedures and specially developed halogen-cycle processes.

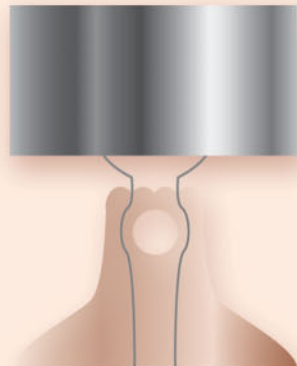
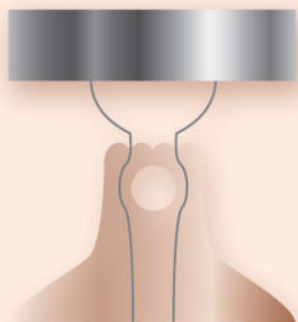
**PURE BRONZE. PURE QUALITY.**



**Longer service life through LongLife & Protective Shielding technology**

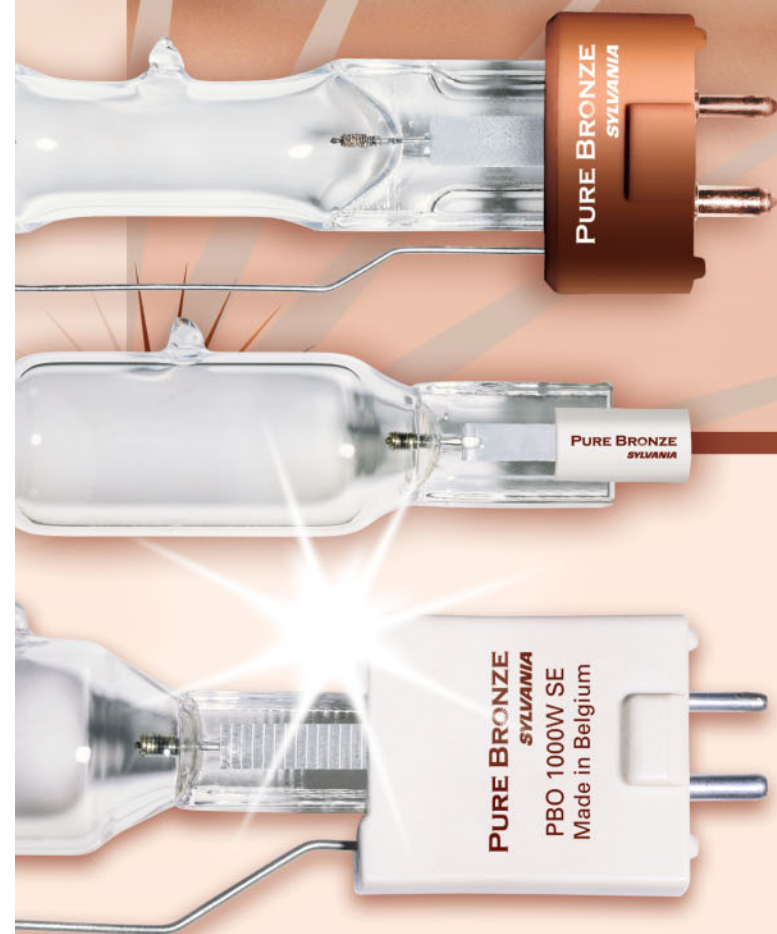
*Protective shield ensures minimum tube-end blackening.*

Standard shield





# THE PURE POWER: OUR HIGH- PRESSURE LAMPS.



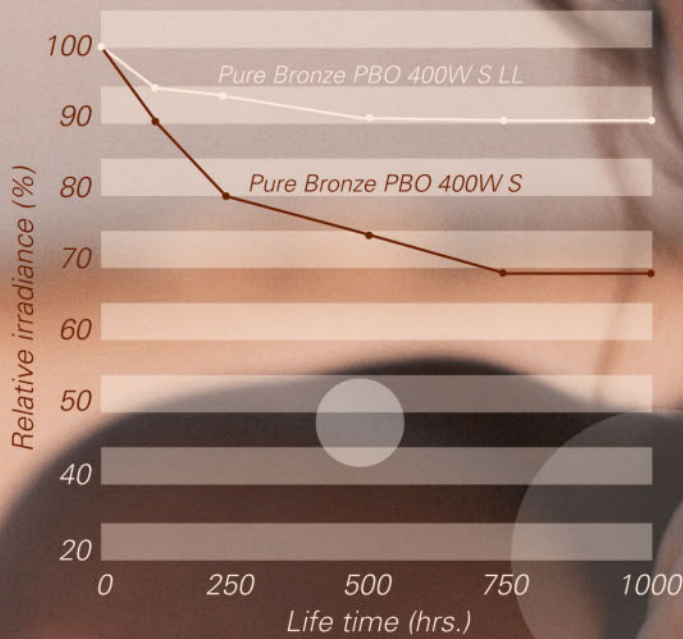
*The smaller the components, the more important the details. And in our high-pressure lamps, they are all perfect. It comes as no surprise because our center of expertise in Tienen, Belgium, specializes in the production of high-pressure lamps. This guarantees lasting quality – in both our classic and LongLife products.*

**Legend for table of high-pressure lamps:**

PB = PureBronze  
O = Ozone Free  
S = R7s base  
C = Cable  
SE = Single Ended  
LL = Long Life

\* >70 % of UV output always present.

**UV maintenance  
during Life time (400W R7s)**



Product name	Wattage (W)	Base/Cap	Life time* (hrs.)	Maximum diameter (mm)	Maximum length (mm)	Order no.
PureBronze PBO 400W S	250 - 500	R7s	600	14.0	106.0	0024200
PureBronze PBO 400W SL	250 - 500	R7s Long	600	14.0	117.9	0024201
PureBronze PBO 400W C	250 - 500	Cable	600	14.0	116.0	0024202
PureBronze PBO 400W SE	250 - 500	GY9,5	600	14.0	103.0	0024203
PureBronze PBO 500W S	400 - 600	R7s	600	17.0	106.0	0024210
PureBronze PBO 500W C	400 - 600	Cable	600	17.0	114.0	0024211
PureBronze PBO 500W SE	400 - 600	GY9,5	600	17.0	107.0	0024212
PureBronze PBO 1000W C 230V	1000	Cable	600	25.5	139.0	0024220
PureBronze PBO 1000W C 400V	1000	Cable	600	25.5	139.0	0024221
PureBronze PBO 1000W SE	700 - 1000	GY9,5	600	25.0	129.0	0024222
PureBronze PBO 2000W C 400V	2000	Cable	600	27.0	174.0	0024230
<b>Long Life</b>						
PureBronze PBO 400W S LL	250 - 500	R7s	1000	14.0	106.0	0024204
PureBronze PBO 400W SE LL	250 - 500	GY9,5	1000	14.0	103.0	0024205
PureBronze PBO 500W SE LL	400 - 600	GY9,5	1000	17.0	107.0	0024213
PureBronze PBO 1000W SE LL	700 - 1000	GY9,5	1000	25.0	129.0	0024224



# PERFORMANCE THAT LASTS:



# OUR LOW-PRESSURE TUBES.

Tubes from Pure Bronze make a visible difference. This is not only because more and more of them have the unique bronze cap, but also because of their strong tanning power and sensationally low tube-end blackening. This quality is "made in Germany", or to be more precise in our tube-making center in Erlangen and is particularly apparent in our LongLife tubes.

**Legend for table of tanning tubes:**

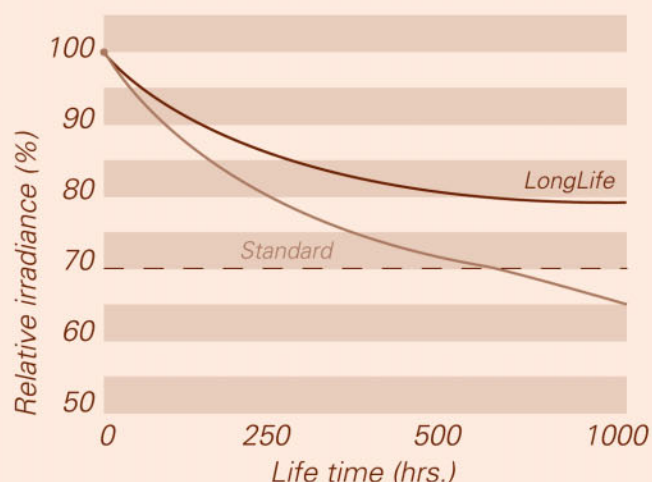
- PB = PureBronze
- O = Open Glass
- C = Closed Glass
- LL = Long Life
- R = Reflector

\* Irradiance in typical solaria.

\*\* Recommended maximum tanning time for the irradiance achieved in typical equipment.

\*\*\* >70 % of UV output always present.

**LongLife tubes compared with standard tubes**







Product name Base: G13 Bi Pin	Wattage (W)	Length (cm)	Typical irradiance* (mW/cm <sup>2</sup> )	UV-B percentage	Sun erythema factor (fse)	Tanning time Skin type 3** (min)	Order no.
<b>Closed glass with reflector (600 hrs.)***</b>							
PureBronze PBC 100W 1,0 R	100	176	18	1.0	0.08	21	0001170
PureBronze PBC 100W 1,6 R	100	176	18	1.6	0.12	15	0001171
PureBronze PBC 100W 2,3 R	100	176	18	2.3	0.17	11	0001172
PureBronze PBC 160W 1,0 R	160	176	21	1.0	0.10	17	0001214
PureBronze PBC 160W 1,6 R	160	176	21	1.6	0.14	13	0001215
PureBronze PBC 160W 2,3 R	160	176	21	2.3	0.21	10	0001216
<b>Open glass with reflector (600 hrs.)***</b>							
PureBronze PBO 80W 1,0 R	80	150	19	1.0	0.11	18	0001166
PureBronze PBO 80W 1,6 R	80	150	19	1.6	0.17	12	0001167
PureBronze PBO 80W 2,3 R	80	150	19	2.3	0.21	9	0001168
PureBronze PBO 100W 0,7 R	100	176	20	0.7	0.08	20	0001200
PureBronze PBO 100W 1,0 R	100	176	20	1.0	0.11	18	0001201
PureBronze PBO 100W 1,3 R	100	176	19	1.3	0.13	15	0001202
PureBronze PBO 100W 1,6 R	100	176	19	1.6	0.16	12	0001203
PureBronze PBO 100W 2,0 R	100	176	19	2.0	0.19	10	0001204
PureBronze PBO 100W 2,3 R	100	176	19	2.3	0.21	9	0001205
PureBronze PBO 100W 2,6 R	100	176	19	2.6	0.23	8	0001206
PureBronze PBO 140W 1,6 R	140	150	23	1.6	0.22	10	0001211
PureBronze PBO 140W 2,0 R	140	150	23	2.0	0.24	9	0001212
PureBronze PBO 140W 2,3 R	140	150	23	2.3	0.26	8	0001213
PureBronze PBO 160W 1,6 R	160	176	23	1.6	0.22	10	0001220
PureBronze PBO 160W 2,0 R	160	176	23	2.0	0.24	9	0001221
PureBronze PBO 160W 2,3 R	160	176	23	2.3	0.26	8	0001222
PureBronze PBO 160W 2,6 R	160	176	23	2.6	0.29	6	0001223
PureBronze PBO 180W 2,0 R	180	200	23	2.0	0.24	9	0001230
<b>LongLife lamps with reflector (1000 hrs.)***</b>							
PureBronze PBO 100W 1,6 R LL	100	176	19	1.6	0.16	12	0001207
PureBronze PBO 100W 2,0 R LL	100	176	19	2.0	0.19	10	0001208
PureBronze PBO 100W 2,3 R LL	100	176	19	2.3	0.21	9	0001209
PureBronze PBO 160W 1,6 R LL	160	176	23	1.6	0.22	10	0001224
PureBronze PBO 160W 2,0 R LL	160	176	23	2.0	0.24	9	0001225
PureBronze PBO 160W 2,3 R LL	160	176	23	2.3	0.26	8	0001226
PureBronze PBO 180W 2,0 R LL	180	200	23	2.0	0.24	9	0001231

Packaging unit: 25 pcs.

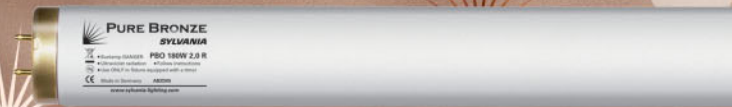
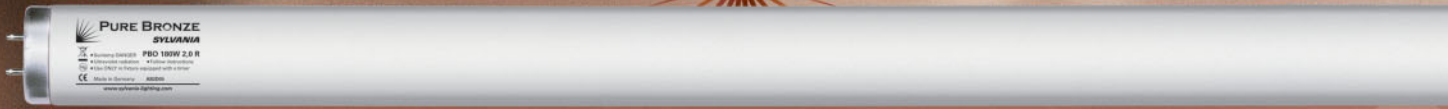
# QUALITY TO MEET SPECIAL DEMANDS.



Product name	Wattage (W)	Base/Cap	Life time* (hrs.)	Length (cm)	Typical irradiance* (mW/cm <sup>2</sup> )	UV-B percentage	Sun erythema factor (fse)	Tanning time Skin type 3** (min)	Order no.
<b>Without reflector</b>									
PureBronze PBC 80W 0,7	80	G13 Bi-Pin	600	150	17	0.8	0.05	24	0001160
PureBronze PBC 80W 1,3	80	G13 Bi-Pin	600	150	17	1.2	0.07	20	0001161
PureBronze PBO 80W 2,0	80	G13 Bi-Pin	600	150	17	2.0	0.11	12	0001162
PureBronze PBC 100W 0,7	100	G13 Bi-Pin	600	176	17	0.8	0.05	24	0001180
PureBronze PBC 100W 1,3	100	G13 Bi-Pin	600	176	17	1.2	0.07	20	0001181
PureBronze PBO 100W 2,0	100	G13 Bi-Pin	600	176	17	2.0	0.11	12	0001182
PureBronze PBO 160W 1,0	160	G13 Bi-Pin	600	176	21	1.0	0.09	16	0001189
PureBronze PBO 160W 1,3	160	G13 Bi-Pin	600	176	21	1.5	0.11	12	0001190
PureBronze PBO 160W 2,0	160	G13 Bi-Pin	600	176	21	2.3	0.16	10	0001191
<b>UV tubes with a length of 2m</b>									
PureBronze PBO 180W 2,0 R	180	G13 Bi Pin	600	200	23	2.0	0.24	9	0001230
PureBronze PBO 180W 2,0 R LL	180	G13 Bi Pin	1000	200	23	2.0	0.24	9	0001231
<b>Compact</b>									
PureBronze PBC 15W 1,0	15	G5 Bi Pin	600	28,8	16	1.0	0.04	21	0003012
PureBronze PBO 25W 1,5	25	G5 Bi Pin	600	52	16	1.5	0.07	14	0003013
PureBronze PBO 25W 2,5	25	G5 Bi Pin	600	52	16	2.5	0.09	12	0003011
PureBronze PBO 25W 1,5 R	25	G5 Bi Pin	600	52	20	1.5	0.12	11	0003014
PureBronze PBO 25W 2,5 R	25	G5 Bi Pin	600	52	20	2.5	0.14	9	0003010

**PURE BRONZE / LOW-PRESSURE TUBES**





If you need UV tubes in unusual formats, then this really is the time to trust in the experts. You will find them in our special plant in Shipley, UK, for example, where our compact tanning tubes are manufactured. This is why you can be sure of finding the unique quality of Pure Bronze in absolutely all of the tubes from our range.

**Legend for table of tanning tubes:**

- PB = PureBronze
- O = Open Glass
- C = Closed Glass
- LL = Long Life
- R = Reflector

- \* Irradiance in typical solarium.
- \*\* Recommended maximum tanning time for the irradiance achieved in typical equipment.
- \*\*\* >70 % of UV output always present.



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Sunlamp – CAUTION – ultraviolet (UV) and infrared (IR) radiation. Please follow the instructions. Ultraviolet and infrared radiation from solarium tubes carry a number of health risks and may lead to disorders such as cancer, premature aging of the skin, burns, eye damage, cataracts, deficiency of the immune system, allergic reactions and damage to the vascular system. Pregnant women and persons taking prescription or over the counter medications should consult their physician before using a tanning bed in a solarium. The simultaneous use of medications such as tranquilizers, antibiotics, diuretic, hypotensive, anti-neoplastic or contraceptive substances may lead to sunburn occurring more quickly because such substances raise the skin's sensitivity to light. The same applies for cosmetics. UV radiation may accelerate the aging process of your skin and increase the risk of skin cancer, such as squamous or basal cell carcinoma. Your risk of contracting skin cancer rises with the frequency of exposure to UV radiation. People who do not tan in sunlight will generally not go brown in a solarium and are therefore more at risk from the negative effects of tanning lamps. If you do not tan in sunlight, you should avoid tanning lamps. UV exposure in childhood is suspected of favoring melanoma formation in adulthood. Consequently, children should only be allowed to use solarium under medical supervision.

ALWAYS WEAR SUITABLE EYE PROTECTION WHEN TANNING (UV PROTECTIVE GOGGLES)! FAILURE TO WEAR EFFECTIVE EYE PROTECTION MAY LEAD TO SEVERE BURNS OR PERMANENT VISUAL DAMAGE!

Use tanning lamps EXCLUSIVELY with a timer switch in line with the equipment and lamp manufacturers' instructions and according to your skin type. Take all the necessary safety precautions before installing the lamp and replacing the tubes, and follow the manufacturers' instructions concerning the tanning equipment and lighting device.

DISCLAIMER: SLI shall not be liable for damage resulting from improper use of the product or failure to observe statutory and local authority regulations relating to the use of the product by customers or end users. All of the data listed here result from laboratory measurements conducted under standardized conditions. Information on the reduction of UVA radiation and the guaranteed service life of the equipment is based on the 5-hour value and refers to operating conditions defined by SLI. SLI reserves the right to alter these technical data without prior notice.



**PURE BRONZE**  
**SYLVANIA**