UV PURIFICATION

Purification

TUV PL-S

Technical lamp wattage (W):
5, 7, 9, 11, 13

Main applications:
- Deactivation of bacteria, viruses and other micro-organisms
- Residential drinking water units
- Pond water units
- Air treatment units
- Stand-alone purifiers

TUV TL Mini

Technical lamp wattage (W):
4, 6, 8, 11, 15, 20, 25

Main applications:
- Deactivation of bacteria, viruses and other micro-organisms
- Residential drinking water units
- Fish pond water units
- Standalone air purifiers

TUV Amalgam XPT

Technical lamp wattage (W):
130, 180, 200, 325, 330, 800

Main applications:
- Deactivation of bacteria, viruses and other micro-organisms
- Municipal drinking water treatment equipment
- Municipal waste water treatment equipment
- Process water treatment equipment
- Swimming pool units
- Equipment for the production of ultra-pure water, for example for the semiconductor, pharmaceuticals and cosmetics industries (ozone version)

Dynapower

Technical lamp wattage (W):
230, 260, 335

Main applications:
- Deactivation of bacteria, viruses and other micro-organisms
- Municipal drinking water treatment equipment
- Municipal waste water treatment equipment
- Process water treatment equipment

Medium Pressure Mercury

Technical lamp wattage (W):
1100, 2000, 2100, 2900, 4000, 4200, 6000, 7800, 8700, 9600, 13000, 16800

Main applications:
- Deactivation of bacteria, viruses and other micro-organisms
- Water treatment (waste-, drinking- or process water)
- Surface treatment
- Advanced oxidation (with special quartz glass)
- Ship ballast water treatment

TUV T5

Technical lamp wattage (W):
25, 40, 75, 145

Main applications:
- Deactivation of bacteria, viruses and other micro-organisms
- Industrial water disinfection equipment, e.g. for food & beverage industry
- Small municipal water treatment systems
- Swimming pool units
- Residential drinking water units (6, 11 and 16W lamps)
- Air treatment systems (High Output lamp versions)

TUV PL-L

Technical lamp wattage (W):
18, 24, 35, 36, 55, 60, 95

Main applications:
- Deactivation of bacteria, viruses and other micro-organisms
- Air disinfection systems in for example hospitals, universities and laboratories
- In-duct air treatment units
- Standalone air purifiers
- Residential drinking water units
- Fish pond and process water units

TUV T8

Technical lamp wattage (W):
10, 15, 17, 25, 30, 36, 55, 75

Main applications:
- Air disinfection systems in professional applications such as universities, hospitals, jails and laboratories
- Upper air and whole room disinfection equipment in hospitals, intensive care units and surgery rooms
- Areas with low maintenance and/or disruptive costs
- Fish ponds and process water units

HEALTH & INDUSTRY

Medical Phototherapy UVB

Narrowband (/01) TL

Technical lamp wattage (W): 20, 40, 100, 120

Main applications:
- Minimum side effects like redness, itching and burns
- Shorter period of exposure and less erythema radiation than conventional UVB lamps
- Optimal therapeutic effect with minimum side effects
- Proven to be most effective on the skin

Narrowband (/01) PL-L/PL-S

Technical lamp wattage (W): 9, 36

Main applications:
- Minimum side effects like redness, itching and burns
- Shorter period of exposure and less erythema radiation than conventional UVB lamps
- Optimal therapeutic effect with minimum side effects
- Proven to be most effective on the skin
- The compact alternative

Broadband (/12) TL

Technical lamp wattage (W): 20, 40, 100

Main applications:
- Photo-sensitizing agent - free treatment

Broadband (/12) PL-S

Technical lamp wattage (W): 9

Main applications:
- Photo-sensitizing agent - free treatment
- The compact alternative

Medical Phototherapy UVA

(PUVA) (/9 & /10) TL

Technical lamp wattage (W): 40, 100, 120

Main applications:
- Optimal spectrum for PUVA therapy

(PUVA) (/10) PL-S/PL-L

Technical lamp wattage (W): 9, 36

Main applications:
- Optimal spectrum for PUVA therapy
- The compact alternative

Medical Phototherapy Jaundice

(/52) TL/TL-D

Technical lamp wattage (W): 18, 20

Main applications:
- Optimal spectrum for photo-oxidative process to convert unconjugated bilirubin into a water soluble form
- eliminating the need for blood transfusions

(/52) PL-L

Technical lamp wattage (W): 18

Main applications:
- Optimal spectrum for photo-oxidative process to convert unconjugated bilirubin into a water soluble form
- Eliminating the need for blood transfusions
- The compact alternative

Science & Industry

Halogen Lamps

Technical lamp wattage (W): 10, 20, 30, 50, 55, 95, 100, 110, 120, 150, 250, 360, 400

Main applications:
- A wide range of wattages is available for a broad variety of applications, including projection systems
- Proven advantages of halogen technology such as a full spectrum and a color rendering index (CRI) of 100 – the same as natural light

Halogen Reflector Lamps

Technical lamp wattage (W): 15, 25, 35, 42, 50, 75, 80, 100, 150, 200, 250, 340

Main applications:
- The ideal no-fuss solution for a wide variety of medical, projection and scientific illumination systems
- Their proven reliability makes them ideal for retrofit installations
- The burners are precisely aligned for optimal light performance

CDM

Technical lamp wattage (W): 150

Main applications:
- The perfect color rendering and long life make them ideal for fiber optics lighting systems in shop displays, decorative lighting and swimming pool illumination
- They can be mounted in color changing projectors

Insect trap

MASTER Actinic BL

Technical lamp wattage (W): 15, 18

Main applications:
- Perfectly matches the eye sensitivity of moving houseflies and in this way attract more insects
- Safe to be used
- Best environmental choice
- The most effective way to eliminate insects

MASTER Actinic BL Secura

Technical lamp wattage (W): 15

Main applications:
- Perfectly matches the eye sensitivity of houseflies to attract more insects
- Safe to be used
- Best environmental choice
- Keeps glass and components together in case of lamp breakage
- Combines the most effective way to eliminate insects with additional safety

Actinic BL TL/TL-D/T5

Technical lamp wattage (W):
4, 6, 8, 11, 15, 18, 30, 36

Main applications:
- Perfectly matches the eye sensitivity of moving houseflies and in this way attracts more insects
- Safe to be used
- Best environmental choice
- Optimized for electronic insect killer systems

Actinic BL TL-E

Technical lamp wattage (W): 22

Main applications:
- Perfectly matches the eye sensitivity of moving houseflies and in this way attracts more insects
- Safe to be used
- The circular lamp for extra design options

Actinic BL PL-S/PL-L

Technical lamp wattage (W):
9, 11

Main applications:
- Perfectly matches the eye sensitivity of moving houseflies and in this way attracts more insects
- Safe to be used
- Best environmental choice
- Compact size for more design freedom

Actinic BL Secura

Technical lamp wattage (W): 15, 18, 36

Main applications:
- Perfectly matches the eye sensitivity of moving houseflies and in this way attracts more insects
- Safe to be used
- Best environmental choice
- Keeps glass and components together in case of lamp breakage
- Additional safety and HACCP approval

Reprography

Flexo Print

Technical lamp wattage (W):
60, 80, 100, 140

Main applications:
- Best match with photo sensitizers
- Highest output on irradiated area
- High efficiency in reprographics and photo polymerization

Flexo Print HD

Technical lamp wattage (W): 100

Main applications:
- Sharp high-definition images over the period of usage of the lamp
- Best match with photo sensitizers
- Highest output on irradiated area
- High definition in reprographics and photo polymerization

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