



TUV PL-L - Compact solution for professional applications

TUV PL-L

TUV PL-L lamps are compact UVC (germicidal) lamps used in professional water and air disinfection units. The compact size of the lamp allows for a small system design and design flexibility. TUV PL-L lamps offer almost constant UV output over their complete lifetime, for maximum security of disinfection and high system efficacy. Thanks to the single-ended lamp base, lamp replacement is easy.

优点

- Security of effective disinfection over the useful lifetime of the lamp
- High system efficacy because it is not required to over-design the purification system to maintain effectiveness of disinfection

特点

- Short-wave UV radiation with a peak at 253.7 nm (UVC) for disinfection purposes
- Protective inside coating ensures constant UV output over the complete lifetime of the lamp
- Special lamp glass filters out the 185 nm ozone-forming radiation
- High Output versions contain wind-chill correction for improved performance in moving air and reducing amount of required lamps
- High Output versions for optimum UVC output per lamp length, allowing for reduction of system size
- Warning sign on lamp indicates that the lamp radiates UVC

应用

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

安全提示

- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.
- DANGER: Risk Group 3 Ultra Violet product. These lamps emit high-power UV radiation that can cause severe injury to skin and eyes. Avoid eye and skin exposure to unshielded product. Use only in an enclosed environment which shields users from the radiation.

Versions



二维绘图

Product	D1 (max)	D (max)	A (max)	B (max)	C (max)
TUV PL-L 55W/4P HF 1CT/25	18 mm	38 mm	505 mm	530 mm	535 mm
TUV PL-L 36W/4P 1CT/25	18 mm	38 mm	385 mm	410 mm	415 mm
TUV PL-L 18W/4P 1CT/25	18 mm	39 mm	195 mm	220 mm	225 mm
TUV PL-L 60W/4P HO 1CT/25	18 mm	38 mm	390 mm	415 mm	420 mm

基本信息	
底盖	2G11
有效寿命 (标称)	9000 h
主要应用	消毒
照明科技	
颜色代码	TUV
颜色名称	-
有效寿命下的光通衰减	15 %
机械和壳体	
灯泡外形	2xT16

应用

Order Code	Full Product Name	汞 (Hg) 含量 (标称)
927903004007	TUV PL-L 18W/4P 1CT/25	4.4 mg
927903404007	TUV PL-L 36W/4P 1CT/25	-

Order Code	Full Product Name	汞 (Hg) 含量 (标称)
927908704007	TUV PL-L 55W/4P HF 1CT/25	4.4 mg
927909004007	TUV PL-L 60W/4P HO 1CT/25	4.4 mg

运营和电气

Order Code	Full Product Name	功率 (额定)		
		灯具电流(标称)	电压(标称)	(标称)
927903004007	TUV PL-L 18W/4P 1CT/25	0.37 A	60 V	18 W
927903404007	TUV PL-L 36W/4P 1CT/25	0.44 A	105 V	36 W
927908704007	TUV PL-L 55W/4P HF	0.54 A	103 V	55 W
	1CT/25			

Order Code	Full Product Name	功率 (额定)		
		灯具电流(标称)	电压(标称)	(标称)
927909004007	TUV PL-L 60W/4P HO	0.800 A	84 V	60 W
	1CT/25			

基本信息

Order Code	Full Product Name	系统说明
927903004007	TUV PL-L 18W/4P 1CT/25	na
927903404007	TUV PL-L 36W/4P 1CT/25	na

Order Code	Full Product Name	系统说明
927908704007	TUV PL-L 55W/4P HF 1CT/25	高频
927909004007	TUV PL-L 60W/4P HO 1CT/25	na

紫外线

Order Code	Full Product Name	紫外线 C 辐射
927903004007	TUV PL-L 18W/4P 1CT/25	5.5 W
927903404007	TUV PL-L 36W/4P 1CT/25	12.0 W

Order Code	Full Product Name	紫外线 C 辐射
927908704007	TUV PL-L 55W/4P HF 1CT/25	17.0 W
927909004007	TUV PL-L 60W/4P HO 1CT/25	19.0 W

