PHILIPS

TUV PL-L

XUTUPLL



TUV PL-L - Compact solution for professional applications

TUV PL-L lamps are compact UV-C lamps emitting a peak at 253.7 nm. 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. Thanks to the single-ended lamp base, lamp replacement is easy.

Benefits

- Controlled UV-C output over lifetime of the lamp
- High system efficacy

Applications

- Residential drinking water units
- Fish pond and process water units
- In-duct air treatment units
- Stand alone air handlers

Features

- Short-wave UV radiation with a peak at 253.7 nm (UVC)
- 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

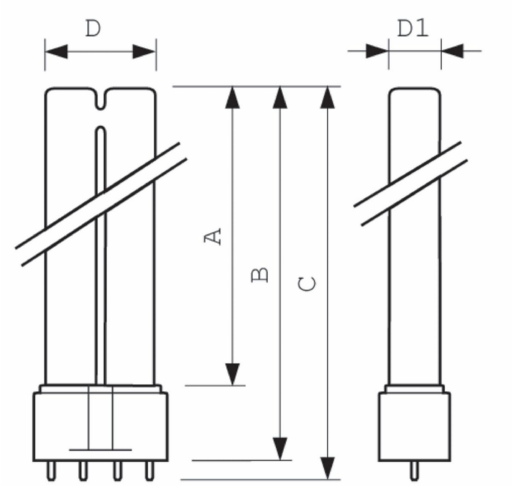
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.
- DANGER: 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.
- Plants and/or materials that are exposed to UV-C and/or ozone for a long time may become damaged and/or discolored.

Versions



XPPR_XUTUVPLL_0002-
Product photo

Dimensional drawing



Product	D1 (max)	D (max)	A (max)	B (max)	C (max)
TUV PL-L 18W/4P 1CT/25	18 mm	39 mm	195 mm	220 mm	225 mm
TUV PL-L 24W/4P 1CT/25	18 mm	39 mm	290 mm	315 mm	320 mm
TUV PL-L 24W/4P UNP/50	18 mm	39 mm	290 mm	315 mm	320 mm
TUV PL-L 35W/4P HO 1CT/25	18 mm	39 mm	195 mm	220 mm	225 mm
TUV PL-L 36W/4P 1CT/25	18 mm	38 mm	385 mm	410 mm	415 mm
TUV PL-L 55W/4P HF 1CT/25	18 mm	38 mm	505 mm	530 mm	535 mm
TUV PL-L 60W/4P HO 1CT/25	18 mm	38 mm	390 mm	415 mm	420 mm
TUV PL-L 95W/4P HO 1CT/25	18 mm	38 mm	505 mm	530 mm	535 mm

General Information

Cap-Base	2G11

Light Technical

Color Code	TUV
Color Designation	- [Not Specified]

Mechanical and Housing

Bulb Shape	2xT16

Approval and Application

Mercury (Hg) Content (Nom)	4.4 mg

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Lamp Current (Nom)
927903004007	TUV PL-L 18W/4P 1CT/25	18 W	0.375 A
927903204007	TUV PL-L 24W/4P 1CT/25	24 W	0.345 A
927903204016	TUV PL-L 24W/4P UNP/50	24 W	0.345 A
927903404007	TUV PL-L 36W/4P 1CT/25	36 W	0.435 A
927904204007	TUV PL-L 35W/4P HO 1CT/25	35 W	0.85 A
927908704007	TUV PL-L 55W/4P HF 1CT/25	55 W	0.525 A
927909004007	TUV PL-L 60W/4P HO 1CT/25	67 W	0.800 A
927909804007	TUV PL-L 95W/4P HO 1CT/25	90 W	0.8 A

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