



Actinic BL PL-S/PL-L – compact for design freedom

With an optimized spectrum matching the eye sensitivity of the housefly, Actinic BL TL(-K)/TL-D(-K)/TL-E/PL-S and PL-L lamps are perfect for attracting insects. They have virtually no UV-B output, and so are perfectly safe. What's more, with the lowest mercury content in the industry and being 100% lead-free, these lamps represent a very good environmental choice. Furthermore, the availability of a wide range of form factors (straight (T5, T8, T12), circular (TL-E) and compact (PL-S/PL-L)) and wattages enables you to make all kinds of designs for your electronic fly killers.

Benefits

- Perfectly matches the eye sensitivity of houseflies and in this way attracts more insects
- Safe for use

- Good environmental choice
- Design freedom

Features

- Emits long-wave UV-A radiation in the 350–400 nm range
- UV-B/UV-A ratio less than 0.1% (UV-B 280–315 nm)
- 100% lead-free
- Low mercury content
- Compact lamp format

Application

- Insect traps, Electronic Fly Killers (EFKs)

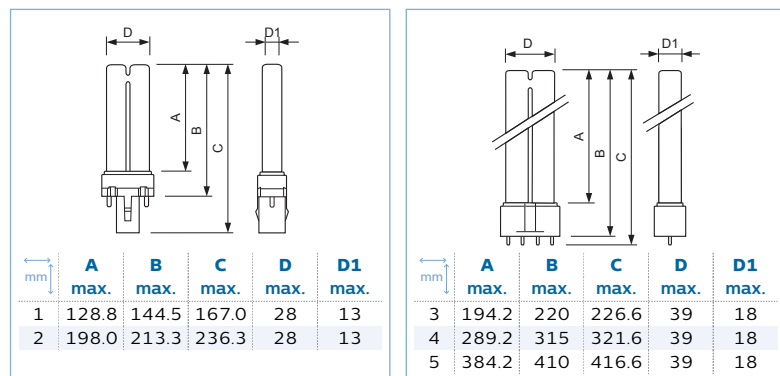
Warnings and Safety

- 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.

Product Range



Dimension Drawing



Main Data

Type	Wattage/Pins	SAP Packing (Piece)/Packaging configuration	Cap-Base	Useful Life (h)	mm	Photo letter	Ordering number 8711500...
Actinic BL PL-S	8.6W/2PINS	CT / 60	G23	2,000	1	A	95194680
Actinic BL PL-S	11.6W/2PINS	CT / 60	G23	2,000	2	A	95201180
Actinic BL PL-S	18W/4PINS	CT / 25	2G11	5,000	3	B	26018540
Actinic BL PL-S	24W/4PINS	CT / 25	2G11	2,000	4	B	95206640
Actinic BL PL-S	36W/4PINS	CT / 25	2G11		5	B	26481740

Electrical data

Commercial product name	Lamp Current (A)	Lamp power (W)	Voltage (V)
Actinic BL PL-S 9W/10/2P 1CT/6X10BOX	0.170	8.6	60
PL-L 18W/10/4P 1CT/25	0.375	18.0	58
PL-L 24W/10/4P 1CT/25	0.345	24.0	87
PL-L 36W/10/4P 1CT/25	0.435	36.0	106
PL-S 11W/10/2P 1CT/6X10BOX	0.160	11.6	89

Lifetime data

Commercial product name	Useful Life (h)	Life to 50% Failures (h)
Actinic BL PL-S 9W/10/2P 1CT/6X10BOX	2,000	1,000
PL-L 18W/10/4P 1CT/25	5,000	15,000
PL-L 24W/10/4P 1CT/25	2,000	15,000
PL-L 36W/10/4P 1CT/25		11,000
PL-S 11W/10/2P 1CT/6X10BOX	2,000	8,000

Color data

Commercial product name	Light source color ¹	Color Designation	Chromaticity Coordinate X	Chromaticity Coordinate Y
Actinic BL PL-S 9W/10/2P 1CT/6X10BOX	210	Ultra Violet A	227	212
PL-L 18W/10/4P 1CT/25	10	Ultra Violet A	228	215
PL-L 24W/10/4P 1CT/25	210	Ultra Violet A	228	230
PL-L 36W/10/4P 1CT/25	210		220	215
PL-S 11W/10/2P 1CT/6X10BOX	210	Ultra Violet A	227	212

¹ 'Light source color' value description(s): '210' = leadfree 360 glass (10)

Environmental data & ETIM group & Design Requirements

Commercial product name	Mercury (Hg) Content (mg)	Mercury (Hg) Content (mg [max.])	ETIM Group ²
Actinic BL PL-S 9W/10/2P 1CT/6X10BOX			EC000087
PL-L 18W/10/4P 1CT/25			EC000087
PL-L 24W/10/4P 1CT/25	4.2	4.4	EC000087
PL-L 36W/10/4P 1CT/25	2.0	2.1	EC000087
PL-S 11W/10/2P 1CT/6X10BOX			EC000087

² 'ETIM Group' value description(s): 'EC000087' = Compact Fluor Lamp Non Integrated

UV related data

Commercial product name	UV - A Radiation 100Hr (IEC) (W)	UV - B/UV - A (IEC) (%)	UV Depreciation at 500 h (%)	UV Depreciation at 2000 h (%)	UV Depreciation at 5000 h (%)
Actinic BL PL-S 9W/10/2P 1CT/6X10BOX	1.66	0.1		20	
PL-L 18W/10/4P 1CT/25	3.50			20	35
PL-L 24W/10/4P 1CT/25	4.90		17	40	60
PL-L 36W/10/4P 1CT/25	8.50			15	20
PL-S 11W/10/2P 1CT/6X10BOX	2.81			15	30

Miscellaneous & General data

Commercial product name	Bulb Shape	Cap - Base	Cap - Base Information ³	Main Application
Actinic BL PL-S 9W/10/2P 1CT/6X10BOX	2XT12	G23	2PINS	Phototherapy
PL-L 18W/10/4P 1CT/25	2XT16	2G11	4PINS	Reprography [*]
PL-L 24W/10/4P 1CT/25	2XT16	2G11	4PINS	Insect traps
PL-L 36W/10/4P 1CT/25	2XT16	2G11	4PINS	Insect traps
PL-S 11W/10/2P 1CT/6X10BOX	2XT12	G23	2PINS	

³ 'Cap - Base Information' value description(s): '2PINS' = 2 Pins, '4PINS' = 4 Pins

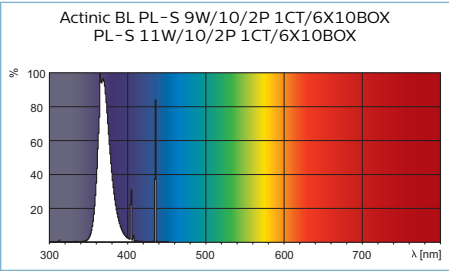
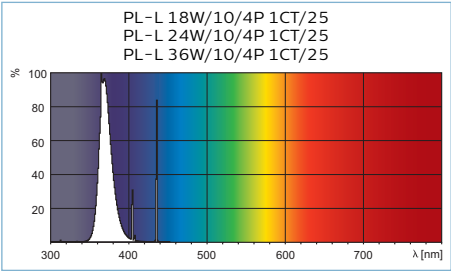


Logistic data

Commercial product name	SAP Packing (Piece)/Packaging configuration ⁴	Numerator - Packs per outer box	Ordering number 8711500...	Material Nr. (12NC) (9279...)	SAP Gross Weight (Piece) (g)	Net Weight (Piece) (g)	EAN - 3 8711500...
Actinic BL PL-S 9W/10/2P 1CT/6X10BOX	CT / 60	60	95194680	01721008	45.767	32.0	951960
PL-L 18W/10/4P 1CT/25	CT / 25	25	26018540	03001007	85.780	60.9	260192
PL-L 24W/10/4P 1CT/25	CT / 25	25	95206640	03221007	114.400	82.0	952073
PL-L 36W/10/4P 1CT/25	CT / 25	25	26481740	03421007	141.560	104.0	264824
PL-S 11W/10/2P 1CT/6X10BOX	CT / 60	60	95201180	02321007	63.400	43.0	952035

⁴ 'SAP Packing (Piece)/Packaging configuration' value description(s): 'CT / 25' = CARTON, 'CT / 60' = CARTON

Spectral power distribution



Cap - Base Overview

