



Safeguard a hygienic environment

New Philips MASTER Actinic BL lamps - the most effective way to eliminate insects

Hygiene and food safety are crucial in professional applications such as restaurants, catering and the food and beverage industry. Insects, and in particular flies, pose a direct threat to food hygiene. The most effective and hygienic way to monitor the presence of insects is to attract them and eliminate them in an electronic fly killer (EFK).

Why choose Philips MASTER Actinic BL lamps for insect traps?

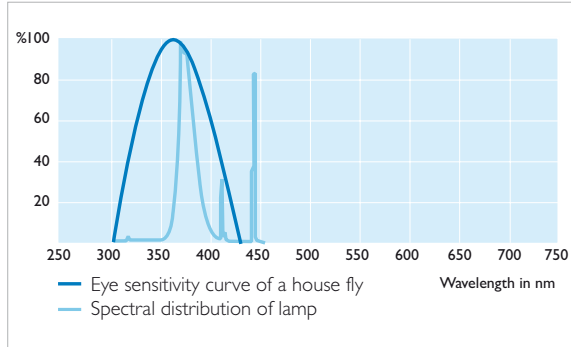
- Optimized performance to attract most insects
- Proven and consistent quality and reliability
- Secura version available with shatterproof sleeve to keep glass and components together in case of lamp breakage
- Good environmental choice, 100% lead-free
- Wide range of lamps for existing and new insect trap units, including compact lamps for new designs and smaller equipment

PHILIPS
sense and simplicity

The most effective choice

New 15W Philips MASTER Actinic BL lamps

Optimized spectral distribution

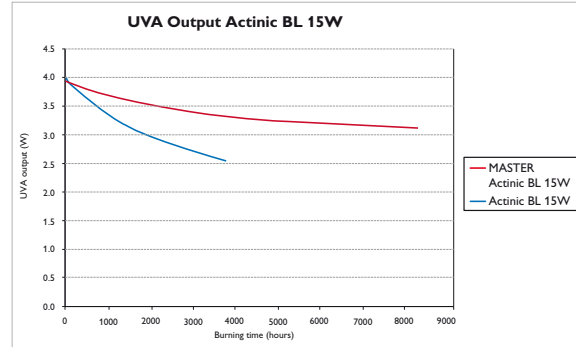


The eyes of insects are sensitive to certain UV wavelengths of the light spectrum. Philips MASTER Actinic BL lamps perfectly match the eye sensitivity of moving houseflies and in this way attract more insects.

Higher initial UVA output

Thanks to the higher initial UVA output of the MASTER Actinic BL lamps compared with /05 or /09 (BL) type of lamps, you can attract more insects and cover a larger area.

Improved UVA maintenance and lifetime



Thanks to the new environmental-friendly water based phosphor technology, the UVA output maintenance and lifetime have been significantly improved. As a result, you can be sure that the lamps will provide maximum and reliable performance during the complete insect season, helping to safeguard a hygienic environment.

Good environmental choice

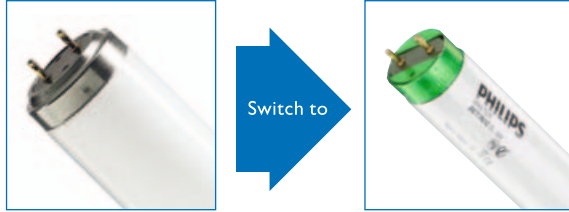
Philips MASTER Actinic BL lamps contain a low level of mercury and do not contain any lead, contrary to other insect trap lamps on the market.



It's a simple switch

Energy savings AND optimized performance with new MASTER Actinic BL TL-D solution (18W and 36W)

Energy savings



TL 20W
TLK 40W

TL-D 18 W
TL-DK 36W

By directly replacing your current T12 lamps with the new Philips MASTER Actinic BL TL-D (T8) alternatives you immediately save 10% energy¹. This means you can save your investment back within one year²!

Best environmental choice

Philips MASTER Actinic BL lamps contain industry leading low levels of mercury (only 3 mg). This in combination with 10% energy savings makes them not only best-in-class lamps, but also the best environmental choice currently available.

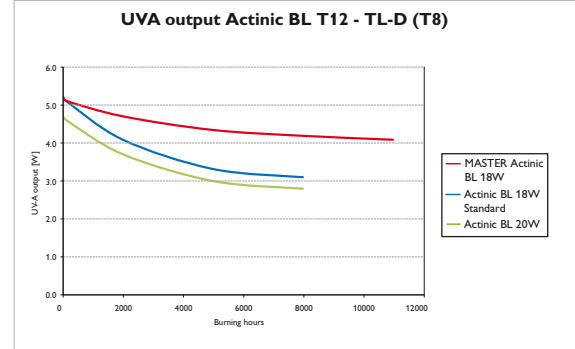
Diameter	Lamp type	Power (W)	UVA (W)	UVA Brightness
T12	Actinic BL 20W	19.4	4.6	32
T8	Actinic BL 18W	18.2	5.1	53
	MASTER Actinic BL 18W	18.2	5.1	53
T8/T12		94%	111%	167%

Measured under practical circumstances with EM ballast

¹ Under laboratory circumstances

² Based on calculation of 9,000 burning hours per year

Maximized performance



The TL-D (T8) types offer a higher initial UV output of 11% and also better maintenance of this output. This means that the absolute output of a MASTER TL-D lamp after 11,000 burning hours will be the same as a T12 lamp after 1,750 burning hours. Next to this, the UVA brightness of the TL-D version has been improved with 67% compared with the T12 lamp. As a result, you can rely on a maximum performing system during the complete insect season, helping to safeguard a hygienic environment.



Additional safety with Secura version

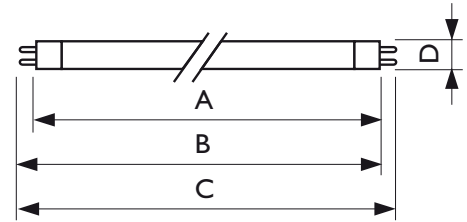
For additional safety we also offer the Secura version with shatterproof sleeve. The shatterproof sleeve keeps all glass and components together in case of accidental lamp breakage. As a result, you eliminate any risk of glass splinters in products due to lamp breakage. In this way Philips MASTER Actinic BL Secura lamps help meet stringent HACCP requirements.



Philips Actinic BL lamps for insect traps

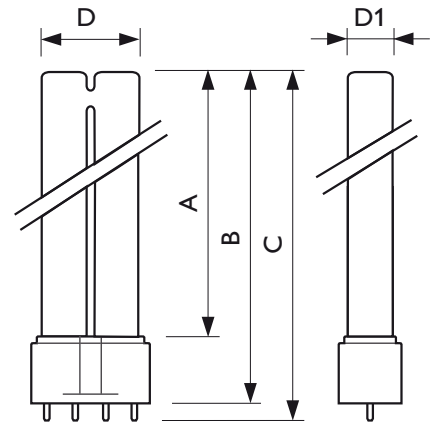
Type	Cap/ Base	Lamp Voltage V	Lamp Current A	UV-A W	Dim. no.	Global Product Code
Philips Actinic BL TL 4W	G5	29	0.17	0.6	1	9280 00001030
Philips Actinic BL TL 6W	G5	42	0.16	1.3	2	9280 00501030
Philips Actinic BL TL 8W	G5	56	0.15	1.7	3	9280 01001030
Philips Actinic BL TL 11W	G5	33	0.41	2.0	2	9280 00601030
Philips Actinic BL TL 15W	G5	46	0.35	3.3	3	9280 01201030
Philips MASTER Actinic BL TL-D 15W	G13	55	0.34	3.9	4	9280 22601003
Philips Actinic BL TL-D 15W	G13	55	0.34	3.9	4	9280 24801029
Philips MASTER Actinic BL TL-D 18W	G13	59	0.36	5.2	5	9280 44601003
Philips Actinic BL TL-D 18W	G13	59	0.36	5.2	5	9280 48001003
Philips Actinic BL TL-DK 30W	G13	45	0.81	6.5	6	9280 19501029
Philips MASTER Actinic BL TL-DK 36W	G13	50	0.85	9.4	7	9280 19901003
Philips Actinic BL TL-DK 36W	G13	50	0.85	9.4	7	9280 19701003
Philips Actinic BL TL 40W	G13	104	0.43	12.0	8	9280 11301020
Philips Actinic BL TL-D 15W Secura	G13	51	0.34	3.2	4	9280 24701029
Philips Actinic BL TL-D 18W Secura	G13	57	0.36	4.3	5	9280 48201003
Philips Actinic BL TL-DK 36W Secura	G13	50	0.85	7.8	7	9280 19801003
Philips Actinic BL TL-E 22W	G10Q	62	0.40	3.9	-	9280 26201005
Philips Actinic BL PL-S 9W	G23	60	0.17	1.8	1	9279 01721008
Philips Actinic BL PL-S 11W	G23	89	0.16	2.8	2	9279 02321007
Philips Actinic BL PL-L 18W	2G11	58	0.37	3.5	1	9279 03001007
Philips Actinic BL PL-L 24W	2G11	87	0.35	4.9	2	9279 03211007
Philips Actinic BL PL-L 36W	2G11	106	0.44	9.4	3	9279 03421007

TL and TL-D Versions					
Dim.	A	A	B	C	D
	max.	min.	max.	max.	max.
1	135.9	140.6	143	150.1	16
2	212.1	216.8	219.2	226.3	16
3	288.3	293.0	295.4	302.5	16
4	437.4	442.1	444.5	451.6	28
5	589.8	594.5	596.9	604.0	28
6	437.4	442.1	444.5	451.6	28
7	589.8	594.5	596.9	604.0	28
8	1199.4	1204.1	1206.5	1213.6	40.5



PL-S					
Dim.	A	B	C	D	D1
	max.	max.	max.	max.	max.
1	128.8	144.5	167.0	28	13
2	198.0	213.3	236.3	28	13

PL-L				
Dim.	A	B	C	D
	max.	max.	max.	max.
1	194.2	220	226.6	37.7
2	289.2	315	321.6	37.7
3	384.2	410	416.6	37.7





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Data subject to change
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