

Master Fluo Tubes Philips
Fluo tubes without starter
Starters Philips
Ballast conventional and electronic

PHILIPS
 sense and simplicity



Repair Management Nederland B.V.
 More management less firefighting

Fluo lamps are packed per 25 pieces

Master TLD Super 80 lamps

Can be used with standard as well as electronic ballast (HF-VSA).
 Low energy use.
 Diameter 26 mm.
 Cap: G13
 Colour very good (Ra 80).

Length A in mm.

Wattage	15W	18W	23W	30W	36W	36W-1M	38W	58W	70W
A (mm.)	437	590	970	895	1200	895	1047	1500	1500

Number	Watts mogen	Lumen Lumen	Type	Colour Kelvin
810101	15	1000	TLD 15W 827	2700
810102	15	1000	TLD 15W 830	3000
810103	15	1000	TLD 15W 840	4000
810104	18	1350	TLD 18W 827	2700
810105	18	1350	TLD 18W 830	3000
810106	18	1350	TLD 18W 840	4000
810107	18	1300	TLD 18W 865	6500
810109	23	2050	TLD 23W 830	3000
810110	23	2050	TLD 23W 840	4000
810111	30	2400	TLD 30W 827	2700
810112	30	2400	TLD 30W 830	3000
810113	30	2400	TLD 30W 840	4000
810114	36	3350	TLD 36W 827	2700
810115	36	3350	TLD 36W 830	3000
810116	36	3350	TLD 36W 840	4000
810117	36	3250	TLD 36W 865	6500
810118	36	3100	TLD 36W-1M 830	3000
810119	36	3100	TLD 36W-1M 840	4000
810120	38	3350	TLD 38W 830	3000
810121	38	3350	TLD 38W 840	4000
810122	58	5240	TLD 58W 827	2700
810123	58	5240	TLD 58W 830	3000
810124	58	5240	TLD 58W 840	4000
810125	58	5240	TLD 58W 865	6500
810126	70	6200	TLD 70W 830	3000
810127	70	6200	TLD 70W 840	4000



TL Mini Standard fluo tubes

Can be used with standard as well as electronic ballast (HF-VSA).
 Diameter 16 mm
 Lampbase T5, dimmable
 Colour rate (Ra 63) for colour 33 and (Ra 75) for colour 54 and continuous output.

Wattage	4W	6W	8W	13W
A (mm.)	136	213	289	517

Number	Watts mogen	Lumen Lumen	Type	Colour Kelvin
810300	4	140	TL 4W 33	4100
810302	6	260	TL 6W 33	4100
810303	6	230	TL 6W 54	6200
810304	8	340	TL 8W 54	6200
810305	8	410	TL 8W 33HQ	4100
810310	13	930	TL 13W 33	4100
810309	13	740	TL 13W 54	6200



Master TL Mini Super 80 fluo lamps

Can be used with standard as well as electronic ballast (HF-VSA).
 Diameter 16 mm
 Lampbase T5, dimmable
 Colour rate (Ra 85) and continuous output.

Wattage	8W	13W
A (mm.)	289	517

Number	Watts mogen	Lumen Lumen	Type Type	Colour Kelvin
810300	8	470	TL 8W 827	2700
810302	8	470	TL 8W 830	3000
810303	8	470	TL 8W 840	4000
810304	13	1000	TL 13W 827	2700
810305	13	1000	TL 13W 830	3000
810310	13	1000	TL 13W 840	4000



Master TLD 90 De Luxe fluo lamps

Can be used with standard as well as electronic ballast (HF-VSA).
 Efficient energy consumption.
 Diameter 26 mm.
 Lampbase: G13
 Colour rate (Ra 90 till 95) continuous output.
 Application: where colour judgement is important like shops, printing companies.

Length A in mm.

Wattage	18W	30W	36W	58W
A (mm.)	590	895	1200	1500

Number	Watts mogen	Lumen Lumen	Type Type	Colour Kelvin
810622	18	1100	TLD 18W 930	3000
810623	18	1200	TLD 18W 940	4000
810624	18	1150	TLD 18W 950	5300
810625	18	1150	TLD 18W 965	6500
810629	36	2800	TLD 36W 930	3000
810630	36	2800	TLD 36W 940	4000
810631	36	2800	TLD 36W 950	5300
810632	36	2800	TLD 36W 965	6500
810634	58	4340	TLD 58W 930	3000
810635	58	4600	TLD 58W 940	4000
810636	58	4550	TLD 58W 950	5300
810637	58	4550	TLD 58W 965	6500



Master TLD Secura flou lamps

Fluorescent TLD lamp with plastic coating which keeps lamp components and glass together when lamps breaks.
 Recognizable by blue ring at end of lamp.
 Can be used with standard as well as electronic ballast (HF-VSA).
 Low energy use.
 Diameter 29 mm.
 Lower UV emission. Colour rate high (Ra 85)
 Application: Food processing, restaurants, shops, supermarkets.

Wattage	18W	36W	58W
A (mm.)	590	1200	1500

Number	Watts mogen	Lumen Lumen	Type Type	Colour Kelvin
810600	18	1300	18W/830 Secura	3000
810601	18	1300	18W/840 Secura	4000
810602	36	3200	36W/830 Secura	3000
810603	36	3200	36W/840 Secura	4000
810604	58	5000	58W/830 Secura	3000
810605	58	5000	58W/840 Secura	4000



TLM RS lampen

These lamps starts without earth connection, in moist atmosphere and down -15 C preheat.
 Ignition without starter.
 Diameter 38 mm.
 Cap: G13
 For replacing the TLM ballast starters ES08 or S10E can be used.
 S10E Perform starter can be used.

Length A in mm.

Wattage	20W	40W	65W
A (mm.)	590	1200	1500

Number	Watts mogen	Lumen Lumen	Type Type	Colour Kelvin
810200	20	1100	TLM 20W 33 RS	4100
810201	20	1250	TLM 20W 830RS	3000
810202	20	1250	TLM 20W 840RS	4000
810204	40	2850	TLM 40W 33RS	4100
810207	40	3100	TLM 40W 830RS	3000
810208	40	3100	TLM 40W 840RS	4000
810209	65	4750	TLM 65W 33RS	4100
810211	65	5100	TLM 65W 830RS	3000
810212	65	5100	TLM 65W 840RS	4000



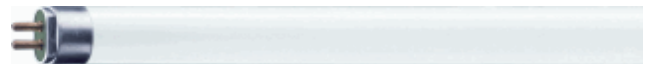
Master TL5 High Efficiency Fluo lamps

Very small diameter of 16 mm for excelent performance.
 Combination of a low energy consumption and high light output.
 Lamp efficiency till 104 lm/W at 35 ° (till 10% more efficiëncy in compare with High Output lamps)
 Only to be use in combination with an electronic ballast.
 Colour rate (Ra 85)
 10% failures after 19000 hour.
 Lampbase G5, dimmable.

Length A in mm.

Wattage	14W	21W	28W	35W
A (mm.)	549	849	1149	1449

Number	Watts mogen	Lumen Lumen	Type Type	Colour Kelvin
790300	14	1350	TL5 14W 827	2700
790301	14	1350	TL5 14W 830	3000
790302	14	1350	TL5 14W 835	3500
790303	14	1350	TL5 14W 840	4000
790304	14	1250	TL5 14W 865	6500
790310	21	1920	TL5 21W 827	2700
790311	21	1920	TL5 21W 830	3000
790312	21	1920	TL5 21W 840	4000
790313	21	1750	TL5 21W 865	6500
790320	28	2600	TL5 28W 827	2700
790321	28	2600	TL5 28W 830	3000
790322	28	2600	TL5 28W 835	3500
790323	28	2600	TL5 28W 840	4000
790324	28	2400	TL5 28W 865	6500
790330	35	3300	TL5 35W 827	2700
790331	35	3300	TL5 35W 830	3000
790332	35	3300	TL5 35W 835	3500
790333	35	3300	TL5 35W 840	4000
790334	35	3100	TL5 35W 865	6500



Philips starters standard type

Number	Watts	Type
790200	4-22W	S2
790201	4-65W	S10



Starters for TLM 20 till 65 Watt

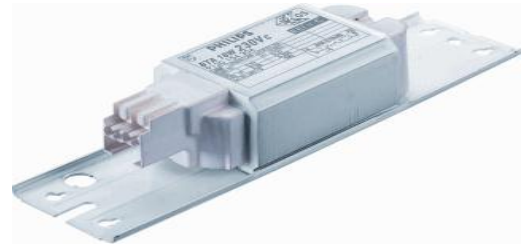
810250	-	-	S10E Perform
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Philips conventional ballasts for Fluo lamps

220/240 Volt

Number	Watts	Voltage	Type
810260	18W	220/240	BTA18W230VB2
810261	30W	220/240	BTA30W230VB2
810262	36W	220/240	BTA36W230VB2
810263	58W	220/240	BTA58W230VB2



Philips electronic ballasts for Fluo lamps

220/240 Volt. 50-60Hz. Type HF-Performer III-TLD

Number	Watts	Voltage	Type
810400	1x18W	220/240	HFP118
810401	2x18W	220/240	HFP218
810402	4x18W	220/240	HFP3418
810403	1x35W	220/240	HFP11435
810404	2x35W	220/240	HFP21435
810405	1x36W	220/240	HFP136
810406	2x36W	220/240	HFP236
810407	1x49W	220/240	HFP149
810408	2x49W	220/240	HFP249
810411	1x58W	220/240	HFP158
810412	2x58W	220/240	HFP258



Philips electronic ballasts for TL5 HE fluo lamps

220/240 Volt. 50-60Hz Type HF-Performer III-TL5 HE

Nummer	Watt	Voltage	Type
810420	1x14-35W	220/240	HF-P 1 14-35 TL5 HE
810421	2x14-35W	220/240	HF-P 2 14-35 TL5 HE

