



BALLAST COMPATIBILITY LIST

SubstiTUBE® UNIVERSAL T8,T5 Gen8

Last update: March.2020

OSRAM SubstiTUBE® T8 Universal

- SubstiTUBE VALUE / STAR / ADVANCED 0.6m 4
- SubstiTUBE VALUE / STAR / ADVANCED / ADVANCED UO 1.2m 5
- SubstiTUBE VALUE / STAR / ADVANCED / ADVANCED UO 1.5m 6

OSRAM SubstiTUBE® T5 UNIVERSAL

- SubstiTUBE T5 HO80 37W UNIVERSAL (1449mm) 1.5m 7
- SubstiTUBE T5 HO54 26W UNIVERSAL (1149mm) 1.2m 8
- SubstiTUBE T5 HO49 26W UNIVERSAL (1449mm) 1.5m 9
- SubstiTUBE T5 HE35 18W UNIVERSAL (1449mm) 1.5m 10
- SubstiTUBE T5 HE28 17W UNIVERSAL (1149mm) 1.2m 11
- SubstiTUBE T5 HE21 10W UNIVERSAL (849mm) 0.9m 12
- SubstiTUBE T5 HE14 7W UNIVERSAL (549mm) 0.6m 13

Ballast compatibility list of SubstiTUBE®

2020.March Version 4

Important notice:

The compatibility list is based upon testing conducted by the manufacturer in a lab simulated environment, and the results can vary in certain field applications due to a number of factors.

LEDVANCE does not take over any responsibility, warranty or liability that this results can also achieved by using the devices under other conditions, or when using successor models of the tested devices, or different models of the same manufacturer. In case of non-observance of the instructions, safety risks like overheating of SubstiTUBE® or ECG may occur in rare cases. Luminous flux may change in dependency of used ballast. This lamp is designed for general lighting (excluding for example explosive atmospheres). Since only the lamp is replaced there is no constructive modification to the luminaire. The temperature range of this lamp is more restricted. In cases of doubt regarding the suitability of the application the manufacturer of this lamp should be consulted.

Warning: It is mandatory to operate OSRAM LED Tubes only with compatible ECGs listed at <https://www.ledvance.com/professional/services/led-lamps-compatibility/ecg-compatibility/index.jsp>. File name: Ballast compatibility list SubstiTUBE Universal T8, T5 Gen8. LEDVANCE does not accept any responsibility, warranty or liability when using ECGs not mentioned, marked as non-compatible ECGs or when using successor/different Reference No. models of tested ballasts.

Compatibility list QR-Code



How to check and read compatibility list correctly

2020. March Version4

Step 1

- Check exact type of ECG in the luminaire before installation
- Check ECG name



- Check exact IC-#

A63948601DG

Step 2

- Please note that there are many ICs (Ident Code) under one EAN

EAN/UPC: 4008321329059

Material	Material description	
4008321329066	QTP5 1X80/220-240 VS20	OSRAM
A5817440072	QTP5 1X80/220-240 VS20	OSRAM
A58174401DG	QTP5 1X80/220-240 VS20	OSRAM
A6394860000	QTP5 1X80/220-240 VS20	OSRAM
A63948601DG	QTP5 1X80/220-240V VS20	OSRAM
A639486020L	QTP5 1X80/220-240 VS20	OSRAM
A6394860355	QTP5 1X80/220-240 VS20	OSRAM
SAM7003819	QTP5 1X80/220-240 VS20	OSRAM
SAM7004044	QTP5 1X80/220-240 VS20	OSRAM
SAM7005928	QTP5 1X80/220-240 VS20	OSRAM
SAM7006075	QTP5 1X80/220-240 VS20	OSRAM

- Using different IC-# of ECG can lead to different compatibility result

Step 3

- Find the LED Tube in the list

<https://www.ledvance.com/professional/services/led-lamps-compatibility/ecg-compatibility/index.jsp>

OSRAM SubstiTUBE® T5 UNIVERSAL

- SubstiTUBE T5 HO80 37W UNIVERSAL 1.5m (1449mm) 6

- Check if ECG is released in the compatibility list



OSRAM SubstiTUBE® T5HO80 37W UNIVERSAL
1.5m Ballast compatibility (1449mm)

compatible (green square)
not compatible (red square)

ST5 HO80 37W UNIVERSAL			
Product EAN10 No.			
4058075137844			
4058075137868			
4058075137882			
Model	Ref.no	L*	
Qti 1x35/49/80/Gli	AA35297020L	1	compatible
QTP5 1x80	A63948601DG	1	compatible
Qti DALI 1X35/49/80 DIM	AA3853501DG	1	not compatible
QTI 2x35/49/80 Gli	A74908402DG	2	compatible
QT-FQ 2x80	A57569D01DG	2	compatible
Qti DALI 2X35/49/80 DIM	A749084EE209	2	not compatible

OSRAM SubstiTUBE® T8 UNIVERSAL

0.6m Ballast compatibility (600mm)

 Compatible OK
 not compatible No

ST8 VALUE 8W	ST8 STAR 8W	ST8 ADVANCED 7.5W
EAN10 No. 4058075137400 4058075137424 4058075137448	EAN10 No. 4058075137226 4058075137240 4058075137264	EAN10 No. 4058075137585 4058075137608 4058075137622

	Model	Ref.no	L*	ST8 VALUE 8W	ST8 STAR 8W	ST8 ADVANCED 7.5W
OSRAM	QTP8 1x18	A63160400DG	1	OK	OK	OK
	QT Fit 5/8 1x18-39	AA7471801DG	1	OK	OK	OK
	QTP-OPTIMAL 1x18-40	AA5095703DG	1	OK	OK	OK
	QT-FIT8 1x18	AA7470401DG	1	OK	OK	OK
	QTP8 2x18	A63164500DG	2	OK	OK	OK
	QT-FIT8 2x18	AA7470901DG	2	OK	OK	OK
	QTP-OPTIMAL 2x18-40	AA5173305DG	2	OK	OK	OK
	QT Fit 5/8 2x18-39	AA4401400DG	2	OK	OK	OK
	QT-FIT8 3x18,4x18	A63176800DG	3	OK	OK	OK
	QT-FIT8 3x18,4x18	A63176800DG	4	OK	OK	OK
	QTP8 3/4x18	A63168600DG	3	OK	OK	OK
	QTP8 3/4x18	A63168600DG	4	OK	OK	OK

PHILIPS	HF-P 118 TL-D III IDC	9137130312	1	OK	OK	OK
	HF-S 118 TL-D II	9137130320	1	OK	OK	OK
	HF-P 218 TL-D III IDC	9137130313	2	OK	OK	OK
	HF-P 218 TL-D EII 220-240	9137001914	2	OK	OK	OK
	HF-S 218 TL-D II	9137130323	2	OK	OK	OK
	HF-S 218/236 TL-D II	9137130324	2	OK	OK	OK
	HF-P 3/4 18 TL-D EII 220-240	9137001919	3	OK	OK	OK
	HF-P 3/4 18 TL-D EII 220-240	9137001919	4	OK	OK	OK
	HF-S 3/4 18 TL-D II	9137130326	3	NO	NO	NO
	HF-S 3/4 18 TL-D II	9137130326	4	NO	NO	NO
	HF-P 3/418 TL-D III IDC	9137130314	3	NO	NO	NO
	HF-P 3/418 TL-D III IDC	9137130314	4	NO	NO	NO

HELVAR	EL1x18sc		1	NO	NO	NO
	EL1x18s		1	OK	OK	OK
	EL1x18ngn		1	NO	NO	NO
	EL2x18s		2	OK	OK	OK
	EL2x18ngn		2	NO	NO	NO
	EL3/4x18ngn		3	OK	OK	OK
	EL3/4x18ngn		4	OK	OK	OK
	EL 3/4x18s		3	OK	OK	OK
	EL 3/4x18s		4	OK	OK	OK

TRIDONIC	PC 1x18 T8 PRO Ip	22185213	1	OK	OK	OK
	PC 1x18 T8 TOP sl	22185222	1	OK	OK	OK
	PC 2x18 T8 PRO Ip	22185216	2	OK	OK	OK
	PC 2x18 T8 TEC	87500256	2	NO	NO	NO
	PC 2x18 T8 TOP sl	22185225	2	OK	OK	OK
	PC 3/418 T8 PRO Ip	22185219	3	OK	OK	OK
	PC 3/418 T8 PRO Ip	22185219	4	OK	OK	OK
	PC 3/4x18 T8 TOP Ip	22185228	3	OK	OK	OK
	PC 3/4x18 T8 TOP Ip	22185228	4	OK	OK	OK

VS	ELXc 136.200	188314	1	OK	OK	OK
	ELXc 236.217	188913	2	OK	OK	OK
	ELXc 418.204	188744	4	OK	OK	OK

BAG	BCS18.1FX-11/220-240	10077588	1	NO	NO	NO
	BCS18.2FX-11/220-240	10077589	2	OK	OK	OK
	BCS18.3-4LR-01/220-240	10050999	3	OK	OK	OK
	BCS18.3-4LR-01/220-240	10050999	4	OK	OK	OK

Mains 230V				OK		
Electro Magnetic (CCG)				OK		


L*: Lamps on ballast

VS= Vossloh Schwabe

OSRAM SubstiTUBE® T8 UNIVERSAL

1.2m Ballast compatibility (1200mm)

 Compatible OK

 not compatible No

				VALUE 16W	STAR 16W	ADVANCED 14W	ADVANCED UO 15W
				EAN10 No.	EAN10 No.	EAN10 No.	EAN10 No.
				4058075137462	4058075137288	4058075137646	
				4058075137486	4058075137301	4058075137660	4058075137769
				4058075137509	4058075137325	4058075137684	4058075137783
Model		Ref.no	L *				
OSRAM	QTP8 1x36	A63162D00DG	1	OK	OK	OK	OK
	QT-FIT8 1x36	AA7470601DG	1	OK	OK	OK	OK
	QT-FIT 5/8 1x18-39	AA7471801DG	1	OK	OK	OK	OK
	QTP-OPTIMAL 1x18-40	AA5095703DG	1	OK	OK	OK	OK
	QTP8 2x36	A63166E01DG	2	OK	OK	OK	OK
	QT-FIT8 2x36	A63173300DG	2	OK	OK	OK	OK
	QTP-OPTIMAL 2x18-40	AA5173305DG	2	OK	OK	OK	OK
	QT-FIT 5/8 2x18-39	AA4401400DG	2	OK	OK	OK	OK
	EZ-PLUS 2X36/220-230	A53290702DG	2	NO	NO	NO	NO
	QT-FIT8 3x36	A62495100DG	3	OK	OK	OK	OK
PHILIPS	HF-B 136 TL-D EII 220-240	9137001926	1	OK	OK	OK	OK
	HF-S 136 TL-D II	9137130321	1	OK	OK	OK	OK
	HF-P 136 TL-D III IDC	9137130315	1	OK	OK	OK	OK
	HF-B 136/236 TLD EII 220-240	9137001928	2	OK	OK	OK	OK
	HF-P 236 TL-D III IDC	9137130316	2	NO	NO	NO	NO
	HF-P 236 TLD EII 220-240	9137001915	2	OK	OK	OK	OK
	HF-S 218/236 TL-D II	9137130324	2	OK	OK	OK	OK
	HF-S 336 TL-D II	9137130327	3	OK	OK	OK	OK
HF-P 336 TL-D III IDC	9137130317	3	NO	NO	NO	NO	
HELVAR	EL1x36/40/18s		1	OK	OK	OK	OK
	EL1x36ngn		1	NO	NO	NO	NO
	EL2x36/40s		2	OK	OK	OK	OK
	EL2x36/40s-u		2	OK	OK	OK	OK
	EL2x36ngn		2	NO	NO	NO	NO
	EL2x36sc		2	NO	NO	NO	NO
	EL2x36HF		2	OK	OK	OK	OK
TRIDONIC	PC 1/36 T8 PRO Ip 220-240 V 50/60/0 Hz	22185214	1	OK	OK	OK	OK
	PC 1x36 T8 TOP sl	22185223	1	OK	OK	OK	OK
	PC 1/36 T8 PRO sc x!tec	89800008	1	OK	OK	OK	OK
	PC1/36 T8 PRO	22185214	1	OK	OK	OK	OK
	PC 2x36 T8 PRO sl	22185217	2	OK	OK	OK	OK
	PC 2x36/4x18 T8 TEC	87500260	2	NO	NO	NO	NO
	PC 2x36 T8 TEC	87500259	2	NO	NO	NO	NO
	PC 2x36 T8 TOP sl	22185226	2	OK	OK	OK	OK
PC 3/36 T8 PRO x!tec	22176231	3	OK	OK	OK	OK	
VS	ELXc 136.200	188314	1	OK	OK	OK	OK
	ELXc 136.207	188708	1	OK	OK	OK	OK
	ELXc 236.202	188316	2	OK	OK	OK	OK
	ELXc 236.217	188913	2	OK	OK	OK	OK
	ELXc 236.208	188705	2	OK	OK	OK	OK
	ELXe 238.527	188137	2	OK	OK	OK	OK
	ELXc 336.214	188595	3	OK	OK	OK	OK
BAG	BCS36.1FX-11	1007590	1	OK	OK	OK	OK
	BCS36.2FX-11	10077591	2	OK	OK	OK	OK
	ECS 36.2 S- 01 / 220 - 240	167032	2	NO	NO	NO	NO
Mains 230V				OK			
Electro Magnetic (CCG)				OK			

L*: Lamps on ballast

VS= VOSSLÖH SCHWABE

OSRAM SubstiTUBE® T8 UNIVERSAL

1.5m Ballast compatibility (1500mm)

 Compatible OK

 not compatible NO

	Model	Ref.no	L*	ST8 VALUE 19W	ST8 STAR 19W	ST8 ADVANCED 20W	ST8 ADVANCED UO 23W
				Product EAN10 No.	Product EAN10 No.	Product EAN10 No.	Product EAN10 No.
				4058075137523	4058075137349	4058075137707	4058075137806
				4058075137547	4058075137363	4058075137721	4058075137806
				4058075137561	4058075137387	4058075137745	4058075137820
OSRAM	QTP8 1x58	A63163900DG	1	OK	OK	OK	OK
	QTP-OPTIMAL 1x54-58	AA5173305DG	1	OK	OK	OK	OK
	QT-FIT 5/8 1x54-58	AA7471901DG	1	OK	OK	OK	OK
	QT-FIT8 1x58-70	AA3750700DG	1	OK	OK	OK	OK
	QTP8 2x58	A63167A00DG	2	NO	NO	NO	NO
	QTP-OPTIMAL 2x54-58	AA5697501DG	2	OK	OK	OK	OK
	QT Fit 5/8 2x54-58	AA5296203DG	2	NO	NO	NO	NO
	QT-FIT8 2x58-70	AA7448800DG	2	OK	OK	OK	OK
PHILIPS	HF-B 158 TLD EII 220-240	9137001927	1	OK	OK	OK	OK
	HF-E 158 TL-D	9137130389	1	NO	NO	NO	NO
	HF-P 158 TLD EII 220-240	9137001912	1	OK	OK	OK	OK
	HF-P 158 TL-D III IDC	9137130318	1	OK	OK	OK	OK
	HF-S 158 TL-D II	9137130322	1	OK	OK	OK	OK
	HF-B 258 TLD EII 220-240	9137001929	2	OK	OK	OK	OK
	HF-P 258 TL-D III IDC	9137130319	2	OK	OK	OK	OK
	HF-S 258 TL-D II	9137130325	2	OK	OK	OK	OK
HELVAR	EL1x58ngn		1	NO	NO	NO	NO
	EL1x58HF		1	OK	OK	OK	OK
	EL1x58s		1	OK	OK	OK	OK
	EL2x58ngn		2	NO	NO	NO	NO
	EL2x58s		2	OK	OK	OK	OK
	EL2x58HF		2	OK	OK	OK	OK
TRIDONIC	PC 1x58 T8 TOP sl	22185224	1	OK	OK	OK	OK
	PC 1x58 T8 PRO lp	22185215	1	OK	OK	OK	OK
	PC 2x58 T8 PRO sl	22185218	2	OK	OK	OK	OK
	PC 2/58 T8 PRO	22176215	2	OK	OK	OK	OK
	PC 2X58 T8 TOP sl	22185227	2	OK	OK	OK	OK
	PC 2/58 T8 PRO	22176215	2	OK	OK	OK	OK
	PC 2x58 E011 IDC	22083174	2	NO	NO	NO	NO
VS	ELXc 158.209		1	OK	OK	OK	OK
	ELXc 158.218	188914	1	OK	OK	OK	OK
	ELXc 258.219	188915	2	OK	OK	OK	OK
b.a.g	BCS58.1FX-11/220-240	10077592	1	OK	OK	OK	OK
	BCS58.1SR-01/220-240	10051002	1	OK	OK	OK	OK
	D58.1-23021E	166072	1	NO	NO	NO	NO
	BCS58.2FX-11/220-240	10077593	2	OK	OK	OK	OK
	SCS58.2SR-11/220-240	166272	2	NO	NO	NO	NO
ABB	ABB 1x58 CF	GZAH821107P0158	1	NO	NO	NO	NO
	ABB 2x58 CF	GZAH821108P0258	2	OK	OK	OK	OK
Trilux	ABB 1x58 CF	50.1-220-01	1	NO	NO	NO	NO
	Mains 230V					OK	
	Electro Magnetic (CCG)					OK	

L*: Lamps on ballast

VS= VOSSLOH SCHWABE

OSRAM SubstiTUBE® T5HO80 37W UNIVERSAL

1.5m Ballast compatibility (1449mm)

 Compatible OK

 not compatible No

T5 37W UNIVERSAL

Product EAN10 No.

4058075137844

4058075137868

4058075137882

	Model	EAN / Ref.no	L *	
OSRAM	Qti 1x35/49/80/GII	AA3629700DG	1	OK
	QTP5 1x80	AA63948600DG	1	OK
	QTi DALI 1X35/49/80 DIM	AA3853501DG	1	NO
	QTi 2x35/49/80 GII	A74908402DG	2	OK
	QT-FQ 2x80	A57569D01DG	2	OK
	QTi 2X35/49/80/220-240 GII	A74908402DG	2	NO
	QTi 2X35/49/80/220-240 GII	A74908403OL	2	NO

Philips	HF-P 180 TL5/PL-L III IDC	9137130342	1	NO
	HF-P 180 TL5/PL-L EII 220-240	9137 001 989	1	NO
	HF-S 1 80 TL5/PL-L II	9137130422	1	OK
	HF-Pi 1 28/35/49/80 TL5 EII 220-240	9137006525	1	OK
	HF-P Xt 180 TL5 EII 220-240V 50/60Hz		1	NO
	HF-R 180 TL5/PLL EII		1	NO
	HF-R TD 180 TL5/PL-L EII	9137006066	1	NO
	HF-P 2 80 TL5/PL-L III IDC	9137130343	2	OK
	HF-Pi 2 28/35/49/80 TL5 EII 220-240	9137006526	2	OK
	HF-P Xt 280 TL5 EII 220-240	9137006302	2	NO
	HF-S 2 80 TL5/PL-L II	9137130423	2	OK
	HF-Ri TD 280 TL5/PL-L E+	9137006096	2	NO
	HF-R 280 TL5/PLL EII 220-240	9137006091	2	OK

Vossloh	ELXc 180.634	188947	1	OK
	ELXC 180.866	188144	1	OK
	ELXc 280.538	188619	2	OK

TRIDONIC	PC 1x80 T5 PRO Ip	22185209	1	OK
	PC 1/14-35/49/80 T5 PRO-M Ip	22176184	1	NO
	PC 1/80 T5 INDUSTRY	89800460	1	NO
	PCA 1x80 T5 BASIC Ip	22185048	1	NO
	PC 2x80 T5 PRO Ip	22185210	2	NO
	PC 1/80 T5 PRO Ip	22176167	1	NO
	PC 2/80 T5 INDUSTRY	89800461	2	NO
	PCA 2X80 T5 EXCEL one4all Ip	22185107	2	NO
	PCA 2x80 T5 ECO Ip	22185098	2	NO
	PCA 2x80 T5 BASIC Ip	22185085	2	NO

BAG	MLS80.1FR-11/220-240	10071608	1	NO
	MLS80.1/54.2FR-11/220-240 1 x T5 80	10071609	1	OK
	BCS80.1FX-11/220-240	10077587	1	NO
	BCS80.2FX-11/220-240	10095407	2	OK

Mains				OK
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L*: Lamps on ballast

VS= VOSSLOH SCHWABE

OSRAM SubstiTUBE® T5 HO54 26W UNIVERSAL

1.2m Ballast compatibility (1149mm)

 Compatible OK

 not compatible No

ST5 HO54 26W UN
Product EAN10 No.
4058075137905
4058075137929
4058075137943

	Model	EAN / Ref.no	L *	
OSRAM	QTi 2x28/54/35/49 GII	AA3594700DG	2	OK
	QTP-OPTIMAL 1X54-58	AA517330755	1	OK
	QT-FIT 5/8 1x54-58	AA747190355	1	OK
	QT-FIT5 1x54	AA3594800DG	1	OK
	Qti 1x28/54/35/49 GII	AA3594700DG	1	OK
	QTP-OPTIMAL 2X54-58	AA569750755	2	OK
	QT-FIT 5/8 2X54-58	AA5296203DG	2	OK
	QT-FIT5 2x54	AA3594900DG	2	OK

PHILIPS	HF-Pi 1 28/35/49/54 TL5 EII 220-240	9137006241	1	OK
	HF-RiTD 1 28/35/49/54 TL5 E+	9137006956	1	NO
	HF-Pi 2 28/35/49/54 TL5 EII 220-240	9137006243	2	OK
	HF-P 154/155 TL5 HO/PL-L III IDC	9137130282	1	OK
	HF-S 154 TL5 II	9137130336	1	OK
	HF-S 254 TL5 II	9137130337	2	OK
	HF-P 254/255 TL5 HO/PL-L III IDC	9137130283	2	OK
	HF-R 154 TL5 EII	9137006088	1	only on/off
	HF-R 254 TL5 EII	9137006089	2	only on/off

HELVAR	EL1x54ngn5	AA3594700DG	1	NO
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TRIDONIC	PC 1/14-35/49/54 T5 PRO-M Ip	22176183	1	NO
	PC 1/54 T5 INDUSTRY	89800458	1	OK
	PC 2/14-35/49/54 T5 PRO-M Ip	22176186	2	NO
	PC 1x54 T5 PRO Ip	22185155	1	OK
	PC 1x54 T5 TOP Ip	22185165	1	OK
	PC 2x54 T5 PRO Ip	22185156	2	OK
	PC 2x54 T5 TOP Ip	22185166	2	OK
	PC 2/54 T5 INDUSTRY	89800459	2	NO
	PCA 1x54 T5 BASIC Ip	22185088	1	OK
	PCA 2X54 T5 BASIC Ip		2	NO

Vossloh	ELXC 254.865	188618	2	OK
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b.a.g	MLS80.1FR-11/220-240	10071608	1	OK
	BCS80.1/54.2FR-11/220-240	4839151	1	OK
	MLS80.1/54.2FR-11/220-240	4458302	1	OK
	BCS54.1FR-01/220-240	10075881	1	OK
	BCS54.1FX-11/220-240	10077585	1	OK


Mains				OK
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VS= VOSSLOH SCHWABE

L*: Lamps on ballast

OSRAM SubstiTUBE® T5 HO49 26W UNIVERSAL

1.5 Ballast compatibility (1449mm)

 compatible

 not compatible

ST5 HO49 26W UN

Product EAN10 No.

4058075137967

4058075137981

4058075138001

	Model	EAN / Ref.no	L *	
OSRAM	QTP5 1x49	A63946E01DG	1	OK
	QTP 1x49	A63946E0355	1	OK
	QTP 1x49	A57050300DG	1	OK
	QT-FIT5 1x49	AA7471701DG	1	OK
	QT-FQ 1X49/230-240 CW	A45625D00DG	1	OK
	Qti 2x35/49/80 GII	A74908402DG	2	OK
	Qti 2x35/49/80 GII	A74908403OL	2	NO
	QTi 2x28/54/35/49 GII	AA3529900DG	2	NO
	QTP5 2x49	AA4002200DG	2	NO
	QT-FIT5 2x49	AA4068801DG	2	NO
	Qti DALI 2X35/49/80 DIM	AA3864303OL	2	OK
	Qti 1x35/49/80/GII	AA3529702OL	1	OK
	Qti 2x35/49/80 GII	AA3529701DG	1	NO
	Qti 2x35/49/80 GII	AA3529700DG	1	NO
	Qti 1x28/54/35/49 GII	AA3529902OL	1	OK
	Qti 1x28/54/35/49 GII	AA3529600DG	1	OK
PHILIPS	HF-P 149 TL5 220-240	9137001177	1	OK
	HF-Pi 1 28/35/49/80 TL5 EII 220-240	9137006525	1	OK
	HF-Pi 1 28/35/49/54 TL5 EII 220-240	9137006241	1	OK
	HF-P I 149 TL5 HO III IDC	9137130280	1	OK
	HF-P Xt 149 TL5 EII 220-240	9137006297	1	OK
	HF-RiTD 1 28/35/49/54 TL5 E+	9137006956	1	NO
	HF-P 249 TL5 220-240	9137001324	2	OK
	HF-P 249 TL5 HO III IDC	9137130281	2	OK
	HF-P Xt 249 TL5 EII 220-240	9137006298	2	OK
	HF-Pi 2 28/35/49/54 TL5 EII 220-240	9137006243	2	OK
	HF-Pi 2 28/35/49/80 TL5 EII 220-240	9137006526	2	OK
	HF-P 249 TL5 HO EII 220-240	9137006135	2	OK
	HELVAR	EL1x49ngn5		1
EL 1x49s-u 220-240V		4303001C451078357	1	OK
EL 1x49s-u 220-240V		4303001C451078407	1	OK
EL2X49s			2	NO
EL1x49s			1	OK
TRIDONIC	PC 1/14-35/49/80 T5 PRO-M Ip	22176184	1	NO
	PC 1x49 T5 PRO Ip	22185153	1	OK
	PC 1x49 T5 TOP Ip	22185163	1	OK
	PC 1/14-35/49/54 T5 PRO-M Ip	22176183	1	NO
	PC 1/49 T5 INDUSTRY	89800456	1	OK
	PC 2x49 T5 PRO Ip	22185154	2	OK
	PC 2/49 T5 PRO Ip	22176099	2	NO
	PC 2x49 T5 TOP Ip	22185164	2	OK
	PC 2/14-35/49/54 T5 PRO-M Ip	22176186	2	NO
	PC 2/49 T5 INDUSTRY	89800457	2	OK
b.a.g	BCS49.1FX-11/220-240	4160128	1	OK
	MLS80.1FR-11/220-240	10071608	1	OK
	BCS80.1/54.2FR-11/220-240	4839151	1	OK
	MLS80.1/54.2FR-11/220-240	4458302	1	OK
	BCS49.2FX-11/220-240	10077584	2	NO
Mains				OK


L*: Lamps on ballast

VS= VOSSLOH SCHWABE

OSRAM SubstiTUBE® T5HE35 18W UNIVERSAL

1.5m Ballast compatibility (1449mm)

 Compatible OK

 not compatible NO

ST5 HE35 18W

Product EAN10 No.

4058075138025

4058075138049

4058075138063

	Model	EAN / Ref.no	L *	
OSRAM	QTP5 1x14-35	A63944501DG	1	OK
	QTP 1x14-35	AA3341803OL	1	OK
	QT-FIT5 1x14-35	AA747150355	1	OK
	QTi 1x35/49/80/GII	AA3529701DG	1	NO
	QTi 1x35/49/80/GII	AA3529700DG	1	NO
	QTi 1x28/54/35/49 GII	AA3529600DG	1	OK
	QTP5 2x14-35	A63952701DG	2	OK
	QT-FIT5 2x14-35	AA7471600DG	2	OK
	QTi 2x28/54/35/49 GII	AA3529900DG	2	OK
	QTi 2X35/49 Dim	A49371F03DG	2	NO
	QTi 2x35/49/80 GII	A74908403OL	2	OK
	QTi 2x35/49/80 GII	A74908402DG	2	OK
PHILIPS	HF-P 1 14-35 TL5 HE III 220-240V 50/60Hz	9137130310	1	OK
	HF-Pi 1 28/35/49/54 TL5 EII 220-240	9137006241	1	OK
	HF-R Es 114-35 TL5	9137006198	1	NO
	HF-RiTD I 28/35/49/54 TL5 E	9137006956	1	NO
	HF-P 2 14-35 TL5 HE III 220-240V 50/60Hz	9137130311	2	OK
	HF-Pi 2 28/35/49/54 TL5 EII 220-240	9137006243	2	OK
	HF-Pi 2 28/35/49/80 TL5 EII 220-240	9137006526	2	NO
HELVAR	EL2x14-35ngn5	4018001C21410393	2	OK
TRIDONIC	PC 1x14-35 T5 PRO Ip	22185147	1	OK
	PC 1x14-35 T5 TOP Ip	22185157	1	OK
	PC 1/14-35/49/54 T5 PRO-M Ip	22176183	1	NO
	PC 1/14-35/49/80 T5 PRO-M Ip	22176184	1	NO
	PC 2x14-35 T5 PRO Ip	22185148	2	OK
	PC 2x35 T5 TOP Ip	87500292	2	OK
	PC 2/14-35/49/54 T5 PRO-M Ip	22176186	2	NO
VS	ELXc 135.220	188921	1	OK
BAG	MLS80.1FR-11/220-240 1 x T5 35	10071608	1	NO
	MLS80.1/54.2FR-11/220-240 1 x T5 35	10071609	1	NO
	SCS35.2F-01/220-240	166482	2	OK
	BCS35.1FX-11/220-240 1 x T5 35	10077579	1	OK
	BCD35.1F-01/220-240/1-10V	10097244	1	OK
	MLS80.1/54.2FR-11/220-240 2 x T5 35	10071609	1	NO
	BCS35.2FX-11/220-240 2 x T5 35	10077580	2	OK
	BCD35.2F-01/220-240/1-10V	10097294	2	OK
Mains				OK


L*: Lamps on ballast

VS= VOSSLOH SCHWABE

OSRAM SubstiTUBE® T5HE28 17W UNIVERSAL

1.2m Ballast compatibility (1149mm)

 compatible

 not compatible

ST5 HE28 17W

Product EAN10 No.

4058075138087

4058075138100

4058075138124

	Model	EAN / Ref.no	L *	
OSRAM	QTi 1x28/54/35/49 GII	AA3529600DG	1	OK
	QTz5 1x28	AB407630055	1	NO
	QTP5 1x14-35	A63944501DG	1	OK
	QT-FIT5 1x14-35	AA747150355	1	OK
	QTi 2x28/54/35/49 GII	AA3529900DG	2	OK
	QTz5 2x28	AA485840355	2	NO
	QTP5 2x14-35	A63952701DG	2	OK
	QT-FIT5 2x14-35	AA7471600DG	2	OK
PHILIPS	HF-P 1 14-35 TL5 HE III 220-240V 50/60Hz	9137130310	1	OK
	HF-Pi 1 28/35/49/54 TL5 EII 220-240	9137006241	1	OK
	HF-Pi 1 28/35/49/80 TL5 EII	9137006525	1	OK
	EB-C 128 TL5	9137131964	1	NO
	HF-P 2 14-35 TL5 HE III 220-240V 50/60Hz	9137130311	2	OK
	HF-Pi 2 28/35/49/54 TL5 EII 220-240	9137006243	2	OK
	HF-Pi 2 28/35/49/80 TL5 EII 220-240	9137006526	2	NO
	EB-C 228 TL5	913713971	2	NO
HELVAR	EL2x14-35ngn5	4018001C21410393	2	OK
TRIDONIC	PC 1x14-35 T5 PRO Ip	22185147	1	OK
	PC 1x14-35 T5 TOP Ip	22185157	1	OK
	PC 1x28 T5 TEC Ip	87500215	1	NO
	PC 1/14-35/49/54 T5 PRO-M Ip	22176183	1	NO
	PC 1/14-35/49/80 T5 PRO-M Ip	22176184	1	NO
	PC 2x14-35 T5 PRO Ip	22185148	2	OK
	PC 2x14-28 T5 TOP Ip	22185158	2	OK
	PC 2/14-35/49/54 T5 PRO-M Ip	22176186	2	NO
VS	ELXc 135.220	188921	1	OK
BAG	MLS80.1FR-11/220-240 1 x T5 28	10071608	1	NO
	MLS80.1/54.2FR-11/220-240 1 x T5 28	10071609	1	NO
	BCS35.1FX-11/220-240 1 x T5 28	10077579	1	OK
	BCD35.1F-01/220-240/1-10V	10097244	1	OK
	MLS80.1/54.2FR-11/220-240 2 x T5 28	10071609	1	NO
	BCS35.2FX-11/220-240 2 x T5 28	10077580	2	OK
	BCD35.2F-01/220-240/1-10V	10097294	2	OK
Mains				OK


L*: Lamps on ballast

VS= VOSSLOH SCHWABE

OSRAM SubstiTUBE® T5HE21 10W UNIVERSAL

0.9m Ballast compatibility (849mm)

 compatible

 not compatible

ST5 HE21 10W

Product EAN10 No.

4058075138148

4058075138162

4058075138186


	Model	EAN / Ref.no	L *	
OSRAM	QTP5 1x14-35	A63944501DG	1	OK
	QT-FIT5 1X14-35	AA747150355	1	OK
	Qti 1X14/24/21/39 GII	AA3529501DG	1	OK
	Qti 1X21/39 DIM(1-10V)	AA3944403OL	1	OK only on/off
	QT-FIT5 2X14-35	AA7471600DG	2	OK
	QTP5 2X14-35	A63952701DG	2	OK
	Qti 2x14/24/21/39 GII	AA3529802OL	2	OK
	Qti 2X21/39 DIM(1-10V)	AA3944802DG	2	OK only on/off
PHILIPS	HF-P 1 14-35 TL5 HE III IDC	9137130310	1	OK
	HF-Pi 1 14/21/24/39 TL5 EII 220-240	9137006240	1	OK
	HF-P 2 14-35 TL5 HE III IDC	9137130311	2	OK
	HF-Pi 2 14/21/24/39 TL5 EII 220-240	9137006242	2	OK
	HF-S 2 14-35 TL5 HE II	9137130421	2	OK
	HF-R 214-35 TL5 EII	9137006195	2	OK
	HF-Ri TD 2 14/21/24/39 TL5 E+	9137006984	2	NO
HELVAR	EL1x14-35s 220-240V	4306002D46100284	1	OK
	EL1X21sc	AA3594700DG	1	OK
	EL2X14-35ngn5	4018001C21410403	2	OK
	EL2x14-35iDim	4350000S05800297	2	NO
TRIDONIC	PC 1x14-35 T5 PRO Ip	22185147	1	OK
	PC 1/14-35 T5 TOP Ip	22185157	1	OK
	PC 1/14-35/49/54 T5 PRO-M Ip	22176183	1	OK
	PC 1/14-35/49/80 T5 PRO-M Ip	22176184	1	OK
	PC 2/14-35/49/54 T5 PRO-M Ip	22176186	2	OK
	PC 2/14-35 T5 PRO Ip	22185148	2	OK
	PC 2/14-28T5 TOP Ip	22185158	2	OK
VS	ELXc 135.220	188921	1	OK
BAG	BCS 35.1FX-11/220-240	4595382	1	OK
	BCD35.1F-01/220-240/1-10V	10097244	1	OK
	BCS 35.2FX-11/220-240	10077580	2	OK
Mains				OK


L*: Lamps on ballast

VS= VOSSLOH SCHWABE

OSRAM SubstiTUBE® T5HE14 7W UNIVERSAL

0.6m Ballast compatibility (549mm)

 compatible

 not compatible

				ST5 HE14 7W	
				Product EAN10 No.	
				4058075138209	
				4058075138223	
				4058075138247	
	Model	EAN / Ref.no	L *		
OSRAM	QTP5 1x14-35	A63944501DG	1	OK	
	QT-FIT5 1X14-35	AA747150355	1	OK	
	Qti 1X14/24/21/39 GII	AA3529501DG	1	OK	
	QT-FIT5 2X14-35	AA7471600DG	2	OK	
	QTP5 2X14-35	A63952701DG	2	OK	
	Qti 2x14/24/21/39 GII	AA3529802OL	2	OK	
	QT-FIT5 3x14, 4x14	AA3725200DG	3	OK	
	QT-FIT5 3x14, 4x14	AA3725200DG	4	OK	
	QTP5 3x14,4x14	A62933A00DG	3	OK	
	QTP5 3x14,4x14	A62933A00DG	4	OK	
PHILIPS	HF-P I 14-35 TL5 HE III IDC	9137130310	1	OK	
	HF-Pi 1 14/21/24/39 TL5 EII 220-240	9137006240	1	OK	
	HF-P 2 14-35 TL5 HE III IDC	9137130311	2	OK	
	HF-Pi 2 14/21/24/39 TL5 EII 220-240	9137006242	2	OK	
	HF-S 2 14-35 TL5 HE II	9137130421	2	OK	
	HF-R 214-35 TL5 EII	9137006195	2	OK	
HELVAR	EL1x14-35s 220-240V	4306002D46100284	1	OK	
	EL2X14-35ngn5	4018001C21410403	2	OK	
TRIDONIC	PC 1x14-35 T5 PRO Ip	22185147	1	OK	
	PC 1/14-35 T5 TOP Ip	22185157	1	OK	
	PC 1/14-35/49/54 T5 PRO-M Ip	22176183	1	OK	
	PC 1/14-35/49/80 T5 PRO-M Ip	22176184	1	OK	
	PC 2/14-35/49/54 T5 PRO-M Ip	22176186	2	OK	
	PC 2/14-35 T5 PRO Ip	22185148	2	OK	
	PC 2/14-28T5 TOP Ip	22185158	2	OK	
	PC 3/4/14 T5 PRO Ip	22176315	3/4	3 and 4 lamps OK	
	PC 3/4X14 T5 TOP Ip	22185220	3/4	3 and 4 lamps OK	
	PC 3/4X14 T5 TOP Ip	22176315	3/4	3 and 4 lamps NO	
VOSSOH	ELXc 135.220	188921	1	OK	
BAG	BCS 35.1FX-11/220-240	4595382	1	OK	
	BCS 35.2FX-11/220-240	10077580	2	OK	
	MLS39.1-2FR-11/220-240	10092026	2	NO	
	BCS14.3-4FR-01/220-240	10052868	3	OK	
	BCS14.3-4FR-01/220-240	10052868	4	OK	

L*: Lamps on ballast

VS= VOSSLOH SCHWABE