



# LED T5 DIRECT FIT BALLAST COMPATIBILITY

## 11W LED T5 Direct Fit (LED11WT5HO/22/8XX-G7DR)

Manufacturer	Part Number	Start Method	# of Lamps	Lamp Connect.	N-1 Lamp		N Lamp	
					120	277	120	277
KEYSTONE	KTEB-224HO-UV-TP-PS /LS	PS	2	Series	NA	NA	NA	NA
KEYSTONE	KTEB-239HO-UV-PS-SL	PS	2	Series	✓	P	✓	✓
Philips-Advance	ICN-2S24-N	PS	2	Series	✓	✓	✓	✓
Philips-Advance	ICN-2S39-N	PS	2	Series	✓	P	✓	✓
Robertson	PSA239T5MV(3P20139)	PS	2	Series	✓	P	✓	P
Ultrasave	ER221347MHT	PS	2	Series	✗	✗	✗	✗

✓ = Compatible ✗ = Incompatible P = PF <0.85 T = THD >30% NA = Not applicable

## 12.5W LED T5 Direct Fit (LED12.5WT5HE/46/8XX-G7DR)

Manufacturer	Part Number	Start Method	# of Lamps	Lamp Connect.	N-1 Lamp		N Lamp	
					120	277	120	277
KEYSTONE	KTEB-128-1-TP-FC-PH	PS	2	Series	✓	NA	✓	NA
KEYSTONE	KTEB-221PS-1-TP	PS	2	Parallel	✓	NA	✓	NA
OSRAM SYLVANIA	QHE 2x28T5/UNV PSN	PS	2	Series	✓	✓	✓	✓
OSRAM SYLVANIA	QHE 2x28T5/UNV PS90-SC	PRS	2	Series	✓	✗	✓	✓
OSRAM SYLVANIA	QTP 2x28T5/UNV PS95-SC	PS	2	Series	✓	✓	✓	✓
OSRAM SYLVANIA	QTP 2x28T5/UNV PSN	PRS	2	Series	✓	P	✓	✓
Philips-Advance	ICN-2S28-N	PS	2	Series	✓	✓	✓	✓
Philips-Advance	ICN-2S28-T	PS	2	Series	✓	✓	✓	✓
SOLA	E-725-U-228-R1-S	PRS	2	Series	✓	✗	✓	✓
Standard Products	E228T5PS120-277/N/BULK	PS	2	Series	✓	✓	✓	✓
Universal Lighting Technologies	B228PUNV-C	PRS	2	Series	✗	✗	✗	✗

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## 25W LED T5 Direct Fit (LED25WT5HO/46/8XX-G7DR)

Manufacturer	Part Number	Start Method	# of Lamps	Lamp Connect.	N-1 Lamp		N Lamp	
					120	277	120	277
AC ELECTRONICS	ESD-A54T5S	PS	2	Series	✗	✗	✗	✗
EIKO	PM-2X54T5 UNV PS	PS	2	Series	✓	✓	✓	✓
EIKO	PM-4X54T5 UNV PS	PS	4	Series	✓	✓	✓	✓
ESPEN	VE254MVHRP	PS	2	Series	✓	✓	✓	✓
ESPEN	VE254MVHRP(11101)	PS	2	Series	✓	✗	✓	✓
ESPEN	VE454MVHRP(11047)	PS	4	Series	✓	✓	✓	✓
ESPEN	VE454MVHRP(11100)	PS	4	Series	✓	✓	✓	✓
Fulham	RHA-UNV-254-LT5	PS	2	Series	✓	✓	✓	✓
Fulham	RHA-UNV-454-LT5	PS	4	Series	✓	✓	✓	✓
General Electric	GE254MVPS90-A	PS	2	Parallel	✓	✓	✓	✓
General Electric	GE254MVPS-D-1	PS	2	Series	✓	✓	✓	✓
General Electric	GE254PS347/480-F	PS	2	Parallel	✓	✓	✓	✓
General Electric	GE454MVPS90-E-S	PS	4	Parallel	✓	✓	✓	✓
General Electric	GE454MVPS90-F	PS	4	Parallel	✓	✓	✓	✓
General Electric	GE454PS347/480-E	PS	4	Parallel	✓	✓	✓	✓
HOWARD INDUSTRIES	EP2/54HO/PRS/MV/W/MC	PRS	2	Series	✓	✓	✓	✓
HOWARD INDUSTRIES	EP2/54HO/PRS/MV/W/SC	PRS	2	Series	✓	P	✓	✓
HOWARD INDUSTRIES	EP4/54HO/PRS/MV	PRS	4	Series	✓	✓	✓	✓
KEYSTONE	KTEB-254HO-UV-PS-SL	PS	2	Series	✓	✓	✓	✗
Keystone	KTEB-254HO-UV-TP-PS	PS	2	Parallel	✓	P	✓	✓
KEYSTONE	KTEB-454HO-UV-PS	PS	4	Series	✓	✓	✓	✓
Luma	BLF454-U	PS	4		✗	✗	✓	✓
LumaPro	4KGE7A EB-454PRS-U	PS	4	Series	✓	✓	✓	✓

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Manufacturer	Part Number	Start Method	# of Lamps	Lamp Connect.	N-1 Lamp		N Lamp	
					120	277	120	277
Maxlite	SKEU542HOP	PS	2	Series	✓	P	✓	✓
OSRAM	QHE 1x54T5HO/UNV DIM-TC	PRS	1	n.a	✗	✗	✗	✗
OSRAM	QHE 4x54T5HO/347-480 PSN HT SCL	PRS	4	Series	347	480	✗	✗
OSRAM	QTP 2x54T5HO/UNV PSN HT	PRS	2	Series	✓	P	✓	✓
OSRAM	QTP 4x54T5HO/UNV PSN HT W	PRS	4	Series	✓	P	✓	P
OSRAM SYLVANIA	QHE 2x54T5HO/347-480 PSN HT MCL	PRS	2	Series	347	480	✗	✗
OSRAM SYLVANIA	QHE 2x54T5HO/UNV PSN	PRS	2	Series	✓	P	✓	✓
OSRAM SYLVANIA	QHE 2x54T5HO/UNV PSN	PRS	2	Series	✓	P	✓	✓
OSRAM SYLVANIA	QHE 2x54T5HO/UNV PSN HT	PRS	2	Series	✓	P	✓	✓
OSRAM SYLVANIA	QHE 4x54T5HO/UNV PSN HT SCL[DOE]	PRS	4	Series	✓	✓	✓	✓
OSRAM SYLVANIA	QS 2x54T5HO/UNV PS80-SC	PRS	2	Series	✗	✗	✗	✗
OSRAM SYLVANIA	QTP 1x54T5HO/UNV PSN	PRS	1	NA	NA	NA	✓	✓
OSRAM SYLVANIA	QTP 2x54T5HO/347-480 PSN HT	PRS	2	Series	347	480	347	480
OSRAM SYLVANIA	QTP 4x54T5HO/UNV PSN HT W	PRS	4	Series	✓	P	✓	P
Philips-Advance	HCN-2S54-90C-WL	PS	2	Series	347	480	347	480
Philips-Advance	HCN-2S54-90C-WL-Rev.A	PS			✗	✗	✗	✗
Philips-Advance	HCN-4S54-90C-2LS-G	PS	4	Series	✗	✗	✗	✗
Philips-Advance	ICN-2S54-90C-N (Rev. A)	PS	2	Series	✓	✓	✓	✓
Philips-Advance	ICN-2S54-90C-T	PS	2	Series	✓	✓	✓	✓
Philips-Advance	ICN-2S54-N	PS	2	Series	✓	✓	✓	✓
Philips-Advance	ICN-2S54-T	PS	2	Series	✓	✓	✓	✓
Philips-Advance	ICN-4S54-90C-2LS (Rev. F)	PS	4	Series	✗	✗	✗	✗
Philips-Advance	ICN-4S54-90C-2LS-G (Rev. B & Rev. J)	PS	4	Series	✓	✓	✓	✓
Philips-Advance	ICRP-4PSP54-90C	PS	4	Series	✗	✗	✗	✗
Plusrite	BAF254PS/MV	PS	2	Series	✓	✓	✓	✓
Plusrite	BAF454PS/MV	PS	4	Series	✓	✓	✓	✓
Robertson	PSL254T5MV	PS	2	Series	✓	P	✓	✓
Robertson	PST154T5MVW	PS	1	NA	NA	NA	✓	✓
Robertson	PSY454T5MVEL(3P20147)	PS	4	Series	✓	✓	✓	✓
Standard Products	E254T5HOPS347/N/XTRM	PS	2	Series	347	NA	347	NA
Standard Products	E454T5HOPS347/N/XTRM	PS	4	Series	347	NA	347	NA
SUNPARK	U-2/54T5HO	PS	2	Series	✓	✓	✓	✓
TCP	E2P54PRSUNVE	PS	2	Series	✓	✓	✗	✓
Ultrasave	ER254120MHT-W	PS	2	Series	✗	✗	✓	✓
Ultrasave	ER454120MHT-W	PS	4	Parallel	✓	✓	✓	✓
Universal Lighting Technologies	B254PUNVHB-D	PS	2	Series	✗	✗	✗	✗
Universal Lighting Technologies	B454PUNVHB-E	PRS	4	Series	✗	✗	✗	✗
Universal Lighting Technologies	B454PUNV-E	PRS	4	Series	✗	✗	✗	✗
Universal Lighting Technologies	B254PUNV-D	PS	2	Series	✗	✗	✗	✗
Watran	DB-254HO-MV-TP-PS-SL	PS	2	Series	✓	✓	✓	✓
Watran	DB-4M54-PS-MV-90	PS	4	Series	✓	P	✓	✓

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