



LED[®]

UL Tubes

americanlite[®]

We light your world™



11.24.25



PETG SMART™

Dual mode T8 LED SMD Tube

IP20	CCT 3K-65K	Lumens up to 161 lxm
	VOLTS 120-277	CRI 83
THD 20%		
5 YEAR Warranty		

Americanlite® offers the first patented SMART™ technology LED tube. Its dual-purpose functionality will allow this tube to operate as a Direct Replacement with instant start electronic ballast as well as in Bypass mode (without the ballast).

PET coated-glass housing provides excellent transparency and thermal conductivity, as well as shatter proof protection. Opal tube complies with NSF-2 Standard (safe for food industry)

Since the tube can be energized on one end or on both ends, when the ballast fails, all that is required is to wire as bypass mode allowing the system to work again. No need to rewire lamp holders. (see back of catalog for ballast compatibility list)

Can be widely used for various commercial and residential lighting applications, such as offices, shopping malls, parking lots, hotels, restaurants, hospitals, schools and many more.

Ordering information

Model	W	Base	CCT	Input Voltage	Lumens	Diffuser	Length
AL571304	9w	G13	3000K	120-277V	1300lm	Opal	604mm
AL571305			4000K	120-277V	1350lm	Opal	604mm
AL571306			5000K	120-277V	1400lm	Opal	604mm
AL571307			6500K	120-277V	1400lm	Opal	604mm
AL571308	9w	G13	3000K	120-277V	1350lm	Clear	604mm
AL571309			4000K	120-277V	1400lm	Clear	604mm
AL571310			5000K	120-277V	1450lm	Clear	604mm
AL571311			6500K	120-277V	1450lm	Clear	604mm
AL571215	14w	G13	3000K	120-277V	1850lm	Opal	1213.6mm
AL571216			4000K	120-277V	1950lm	Opal	1213.6mm
AL571217			5000K	120-277V	2050lm	Opal	1213.6mm
AL571218			6500K	120-277V	2050lm	Opal	1213.6mm
AL571205	14w	G13	3000K	120-277V	1950lm	Clear	1213.6mm
AL571219			4000K	120-277V	2050lm	Clear	1213.6mm
AL571220			5000K	120-277V	2150lm	Clear	1213.6mm
AL571221			6500K	120-277V	2150lm	Clear	1213.6mm

Notes

- No DLC for 6500K
- Clear Diffuser (not PET coated)
- Lumen tolerance up to 7%
- Length of tube with pins
- Recommended use per day 24/7 in ambient temp of 25°C. In temps >25° may result in shorter lifetime of the product.

WITH BALLAST (Direct Replacement Mode):

- Power: The wattage of the lamp represents power consumption of the lamp itself. (this will vary depending on each ballast used. Each ballast will consume different wattage and thus will contribute differently to the total power consumption of the system). Total lumen output of the system may also vary depending on the ballast used and the power consumption
- Data is based on Ballast Factor 0.88 and the ballast compatibility list attached
- TWO END POWER

WITHOUT BALLAST (Retrofit "Bypass" Mode):

- One & Two end power both workable. See marked side on tube before installing
- THD <20%
- PF ≥ 0.90

Packing information

Color Sleeve packing

Model	CBM per master	Pieces per master	Box Dimensions (cm)	Gross weight (Kg)
9w PETG SMART™	0.0234	25	65 x 19 x 19	4
15w PETG SMART™	0.0462	25	128 x 19 x 19	7.5



		IP20
CCT 3K-65K	Lumens up to 153 lxm	240° Field Angle
VOLTS 120-277	CRI 80	THD 20%
- + 20°C to 40°C	50,000	5 YEAR Warranty

Americanlite® GSD Series LED tube offers Smart Technology that will allow this tube to operate as a direct replacement with magnetic or electronic ballast as well as in a standard application without the ballast.

Glass housing provides excellent transparency and thermal conductivity. Since the tube can be energized on one end or on both ends, when ballast fails, "bypass" wiring, no need to rewire lamp holders. (see back of catalog for ballast compatibility list).

Can be widely used for various commercial and residential lighting applications, such as offices, shopping malls, parking lots, hotels, restaurants, hospitals, schools and many more.

Ordering information

Model	W	Base	CCT	Input Voltage	Lumens	Diffuser	Length
AL671300	12.5w	G13	3000K	120-277V	1650m	Opal	1213.6mm
AL671301	12.5w	G13	4000K	120-277V	1800m	Opal	1213.6mm
AL671302	12.5w	G13	5000K	120-277V	1800m	Opal	1213.6mm
AL671303	12.5w	G13	6500K	120-277V	1800m	Opal	1213.6mm
AL671304	12.5w	G13	3000K	120-277V	1650m	Clear	1213.6mm
AL671305	12.5w	G13	4000K	120-277V	1800m	Clear	1213.6mm
AL671306	12.5w	G13	5000K	120-277V	1800m	Clear	1213.6mm
AL671307	12.5w	G13	6500K	120-277V	1800m	Clear	1213.6mm
AL571384	15w	G13	3000K	120-277V	2000lm	Opal	1213.6mm
AL571385	15w	G13	4000K	120-277V	2000lm	Opal	1213.6mm
AL571386	15w	G13	5000K	120-277V	2100lm	Opal	1213.6mm
AL571387	15w	G13	6500K	120-277V	2100lm	Opal	1213.6mm
AL571388	15w	G13	3000K	120-277V	2000lm	Clear	1213.6mm
AL571389	15w	G13	4000K	120-277V	2000lm	Clear	1213.6mm
AL571390	15w	G13	5000K	120-277V	2100lm	Clear	1213.6mm
AL571391	15w	G13	6500K	120-277V	2100lm	Clear	1213.6mm
AL671308	15w	G13	3000K	120-277V	2115m	Opal	1213.6mm
AL671309	15w	G13	4000K	120-277V	2300m	Opal	1213.6mm
AL671310	15w	G13	5000K	120-277V	2300m	Opal	1213.6mm
AL671311	15w	G13	6500K	120-277V	2300m	Opal	1213.6mm
AL671312	15w	G13	3000K	120-277V	2115m	Clear	1213.6mm
AL671313	15w	G13	4000K	120-277V	2300m	Clear	1213.6mm
AL671314	15w	G13	5000K	120-277V	2300m	Clear	1213.6mm
AL671315	15w	G13	6500K	120-277V	2300m	Clear	1213.6mm

Notes

- Beam angle 180° for Opal Tube
120° for Clear Tube
- Lumen tolerance up to 7%
- Length of tube with pins
- Recommended use per day 12 hours in ambient temp of -20°C-40°C otherwise it may result in shorter lifetime of the product.

WITH BALLAST (Direct Replacement Mode):

- Power consumption:
12.5w = 11.5w
15w = 14.5w
- Total System power consumption = Tube consumption + ballast consumption
This will vary depending on each ballast used. Each ballast will consume different wattage and thus will contribute differently to the total power consumption of the system. Total lumen output of the system may also vary depending on the ballast used and the power consumption. Typically the ballast consumption will add 1 to 4W to the total system.
- Data is based on Ballast Factor 0.88 and the ballast compatibility list at the end of catalog
- Two end Power

WITHOUT BALLAST (Retrofit "Bypass" Mode):

- Power consumption:
12.5w = 12.5w
15w = 15w
- One or Two end Power
- THD <20%
- PF ≥ 0.90

Packing information

Foam packing

Model	CBM per master	Pieces per master	Box Dimensions (cm)	Gross weight (Kg)
12.5w/15w	0.0356	25	127 x16.5 x 17	5.6



Full PC SMART™

Dual mode T8 U LED SMD Tube

SUPERBRITE

		CCT
Lumens up to 146 l/w		3K-65K
VOLTS 120-277		
CRI 83	THD 20%	
	5 YEAR Warranty	

Americanlite® offers the first patented SMART™ technology LED tube. Its dual-purpose functionality will allow this tube to operate as a Direct Replacement with instant start electronic ballast as well as in Bypass mode (without the ballast)*. Tube complies with NSF-2 Standard (safe for food industry)

Can be widely used for various commercial and residential lighting applications, such as offices, shopping malls, parking lots, hotels, restaurants, hospitals, schools and many more.

Works with or without ballast (see back of catalog for compatibility list)

Ordering information

Model	W	Base	CCT	Input Voltage	Lumens	Diffuser	Length
AL571207	15w	G13	3000K	120-277V	2000lm	Opal	152x573mm
AL571238			4000K	120-277V	2000lm	Opal	152x573mm
AL571239			5000K	120-277V	2200lm	Opal	152x573mm
AL571240			6500K	120-277V	2200lm	Opal	152x573mm

Notes

- No DLC for 6500K
- Lumen tolerance up to 7%
- Recommended use per day 24/7 in ambient temp of 25°C. In temps >25° may result in shorter lifetime of the product.

WITH BALLAST (Direct Replacement Mode):

- Power consumption = 15w from the tube + ballast consumption (this will vary depending on each ballast used. Each ballast will consume different wattage and thus will contribute differently to the total power consumption of the system). Total lumen output of the system may also vary depending on the ballast used and the power consumption
- Data is based on Ballast Factor 0.88 and the ballast compatibility list attached
- TWO END POWER

WITHOUT BALLAST (Retrofit "Bypass" Mode):

- Power consumption = 18w
- ONE END POWER (check marked side on tube before installing)
- THD <20%
- PF ≥ 0.90

Packing information

Box packing

Model	CBM per master	Pieces per master	Box Dimensions (cm)	Gross weight (Kg)
U Shape SMART™	0.0960	24	62 X 40 X 38.5	7.5



PETG Dual Bypass

T8 LED SMD Tube

	IP20	CCT 3K-65K
Lumens up to 134 lwm		VOLTS 120-277
CRI 83	THD 20%	PF >0.90
		5 YEAR Warranty

Americanlite® offer a premium quality UL-DLC LED Tubes can be widely used for various commercial and residential lighting applications, such as offices, shopping malls, parking lots, hotels, restaurants, hospitals, schools and many more.

- PET coated-glass housing
- 70% energy savings compared to traditional fluorescent tubes
- Environment friendly, no mercury or any other hazardous materials
- Powered on one end, Optional "Dual" two or one end power
- Complies with NSF-2 Standard (safe for food industry)
- **Does not work with ballast**

Ordering information

Model	W	Base	CCT	Input Voltage	Lumens	Diffuser	Length
AL571380	7w	G13	3000K	120-277V	695lm	Opal	457mm
AL571381			4000K	120-277V	770lm	Opal	457mm
AL571382			5000K	120-277V	770lm	Opal	457mm
AL571383			6500K	120-277V	770lm	Opal	457mm
AL571343	9w	G13	3000K	120-277V	1120lm	Opal	604mm
AL571344			4000K	120-277V	1250lm	Opal	604mm
AL571345			5000K	120-277V	1250lm	Opal	604mm
AL571346			6500K	120-277V	1250lm	Opal	604mm
AL571347	12.5w	G13	3000K	120-277V	1620lm	Opal	1213.6mm
AL571348			4000K	120-277V	1800lm	Opal	1213.6mm
AL571349			5000K	120-277V	1800lm	Opal	1213.6mm
AL571350			6500K	120-277V	1800lm	Opal	1213.6mm
AL571351	14.5w	G13	3000K	120-277V	2000lm	Opal	1213.6mm
AL571352			4000K	120-277V	2200lm	Opal	1213.6mm
AL571353			5000K	120-277V	2200lm	Opal	1213.6mm
AL571354			6500K	120-277V	2200lm	Opal	1213.6mm
AL571355	16.5w	G13	3000K	120-277V	2160lm	Opal	1213.6mm
AL571356			4000K	120-277V	2400lm	Opal	1213.6mm
AL571357			5000K	120-277V	2400lm	Opal	1213.6mm
AL571357			6500K	120-277V	2400lm	Opal	1213.6mm
AL571359	18w	G13	3000K	120-277V	2000lm	Opal	1213.6mm
AL571360			4000K	120-277V	2200lm	Opal	1213.6mm
AL571361			5000K	120-277V	2200lm	Opal	1213.6mm
AL571362			6500K	120-277V	2200lm	Opal	1213.6mm
AL571363	18.5w	G13	3000K	120-277V	2340lm	Opal	1213.6mm
AL571364			4000K	120-277V	2600lm	Opal	1213.6mm
AL571365			5000K	120-277V	2600lm	Opal	1213.6mm
AL571366			6500K	120-277V	2600lm	Opal	1213.6mm
AL571339	*26w	G13	3000K	120-277V	3150lm	Opal	1213.6mm
AL571340			4000K	120-277V	3500lm	Opal	1213.6mm
AL571341			5000K	120-277V	3500lm	Opal	1213.6mm
AL571342			6500K	120-277V	3500lm	Opal	1213.6mm

Notes

- No DLC for 6500K
- Lumen tolerance up to 7%
- Length of tube with pins
- For Dual (2 or 1 end power) add "B" after item code
- *26w: Only one end power
- Does not work with ballast
- Recommended use per day 24/7 in ambient temp of 25°C. In temps >25° may result in shorter lifetime of the product.

Packing information

Color Sleeve packing

Model	CBM per master	Pieces per master	Box Dimensions (cm)	Gross weight (Kg)
9w	0.0234	25	65 x 19 x 19	5.8
12.5w / 14.5w / 16.5w / 18w / 18.5w	0.0462	25	128 x 19 x 19	7.5



PETG Bypass

FA8 T8 LED SMD Tube

IP20	CCT 3K-65K	Lumens up to 133 lxm
	VOLTS 120-277	CRI 83
THD 20%	PF >0.90	
	5 YEAR	

Americanlite® offer a premium quality UL LED Tubes can be widely used for various commercial and residential lighting applications, such as offices, shopping malls, parking lots, hotels, restaurants, hospitals, schools and many more.

- PET coated-glass housing
- 70% energy savings compared to traditional fluorescent tubes
- Environment friendly, no mercury or any other hazardous materials
- Powered on two ends
- Complies with NSF-2 Standard (safe for food industry)
- **Does not work with ballast**

Ordering information

Model	W	Base	CCT	Input Voltage	Lumens	Diffuser	Length
AL571292	36w	FA8	3000K	120-277V	4000lm	Opal	2387.6mm
AL571293			4000K	120-277V	4500lm	Opal	2387.6mm
AL571294			5000K	120-277V	4750lm	Opal	2387.6mm
AL571295			6500K	120-277V	4750lm	Opal	2387.6mm
AL571335	42w	FA8	3000K	120-277V	5300lm	Opal	2387.6mm
AL571336			4000K	120-277V	5400lm	Opal	2387.6mm
AL571337			5000K	120-277V	5500lm	Opal	2387.6mm
AL571338			6500K	120-277V	5600lm	Opal	2387.6mm

- Clear diffuser, add "C" at end of model # (Clear diffuser does not comply with NSF-2)
- R17D add "R" at end of model #

Notes

- Lumen tolerance up to 7%
- Length of tube with pin
- Does not work with ballast
- Recommended use per day 24/7 in ambient temp of 25°C. In temps >25° may result in shorter lifetime of the product.

Packing information

Square rigid box packing

Model	CBM per master	Pieces per master	Box Dimensions (cm)	Gross weight (Kg)
36w / 42w PETG Bypass	0.0626	16	245 x 15.5 x 16.5	16.2



PETG 0-10V Dimmable Bypass

T8 LED SMD Tube

IP20	CCT 3K-5K	Lumens up to 173 lxw
DIM 0-10V		
VOLTS 120-277	CRI 83	THD 20%
PF >0.90		
5 YEAR Warranty		

Americanlite® offer a premium quality UL-DLC LED Dimmable Tubes can be widely used for various commercial and residential lighting applications, such as offices, shopping malls, parking lots, hotels, restaurants, hospitals, schools and many more.

- PET coated-glass housing
- 70% energy savings compared to traditional fluorescent tubes
- Environment friendly, no mercury or any other hazardous materials
- Powered on one end
- Complies with NSF-2 Standard (safe for food industry)
- The minimum level still provides 10% of max lumen, consider it 1-10V dimming with 0-10V dimmer.

- **Does not work with ballast**

Ordering information

Model	W	Base	CCT	Input Voltage	Lumens	Diffuser	Length
AL573118	7w	G13	3000K	100-277V	900lm	Opal	604mm
AL573119	7w	G13	4000K	100-277V	1000lm	Opal	604mm
AL573120	7w	G13	5000K	100-277V	1000lm	Opal	604mm
AL573121	12w	G13	3000K	100-277V	1450lm	Opal	909mm
AL573122	12w	G13	4000K	100-277V	1500lm	Opal	909mm
AL573123	12w	G13	5000K	100-277V	1500lm	Opal	909mm
AL573124	9.5w	G13	3000K	100-277V	1600lm	Opal	1213.6mm
AL573125	9.5w	G13	4000K	100-277V	1625lm	Opal	1213.6mm
AL573126	9.5w	G13	5000K	100-277V	1650lm	Opal	1213.6mm
AL573127	9.8w	G13	3000K	100-277V	1600lm	Opal	1213.6mm
AL573128	9.8w	G13	4000K	100-277V	1700lm	Opal	1213.6mm
AL573129	9.8w	G13	5000K	100-277V	1700lm	Opal	1213.6mm
AL573130	11.5w	G13	3000K	100-277V	1650lm	Opal	1213.6mm
AL573131	11.5w	G13	4000K	100-277V	1800lm	Opal	1213.6mm
AL573132	11.5w	G13	5000K	100-277V	1800lm	Opal	1213.6mm
AL573133	12.5w	G13	3000K	100-277V	1700lm	Opal	1213.6mm
AL573134	12.5w	G13	4000K	100-277V	1800lm	Opal	1213.6mm
AL573135	12.5w	G13	5000K	100-277V	1800lm	Opal	1213.6mm
AL573136	15w	G13	3000K	100-277V	2000lm	Opal	1213.6mm
AL573137	15w	G13	4000K	100-277V	2200lm	Opal	1213.6mm
AL573138	15w	G13	5000K	100-277V	2200lm	Opal	1213.6mm
AL573139	17.5w	G13	3000K	100-277V	2300lm	Opal	1213.6mm
AL573140	17.5w	G13	4000K	100-277V	2500lm	Opal	1213.6mm
AL573141	17.5w	G13	5000K	100-277V	2500lm	Opal	1213.6mm

Notes

- Lumen tolerance up to 7%
- Length of tube with pin
- Dim: 0-10V lamp will not completely turn off, remains at 10%
- Does not work with ballast
- Recommended use per day 24/7 in ambient temp of 25°C. In temps >25° may result in shorter lifetime of the product.

Packing information

Color Sleeve packing

Model	CBM per master	Pieces per master	Box Dimensions (cm)	Gross weight (Kg)
2'	0.0117	25	65 x 16.5 x 16.5	3
3'	0.0266	25	95 x 16.5 x 17	5
4'	0.0356	25	127 x 16.5 x 17	6.5



| PETG Direct Replacement |

FA8 T8 LED SMD tube

IP20	CCT 3K-65K	Lumens up to 119 lxw
	VOLTS 120-277	CRI 83
THD 20%		50,000
5 YEAR Warranty		

Americanlite® UL Direct Replacement LED tubes work with most popular instant-start ballasts, does not require an electrical rewiring to install, which simplifies and lowers the installation cost, just plug in and turn on.

PET coated-glass housing provides excellent transparency as well as shatterproof protection. (safe for food industry)

- Compatible with most brands of electronic ballasts (see back of catalog for ballast compatibility list)
- Replace fluorescent tube when power is off without changing the current ballast
- Color temperature 4000K, 5000K and 6500K*
- Eco-Friendly, no UV or RF interference, no mercury, no noise
- Complies with NSF-2 Standard (safe for food industry)
- Powered on 2 ends
- **Does not work without ballast**

Ordering information

Model	W	Base	CCT	Input Voltage	Lumens	Diffuser	Length
AL571312	36w	FA8	3000K	120-277V	4000lm	Opal	2387.6mm
AL571313			4000K	120-277V	4220lm	Opal	2387.6mm
AL571314			5000K	120-277V	4300lm	Opal	2387.6mm
AL571315			6500K	120-277V	4300lm	Opal	2387.6mm

For Clear diffuser, add "C" at end of model #. (Clear diffuser does not comply with NSF-2)

Notes

- Lumen tolerance up to 7%
- Length of tube with pin
- Does not work without ballast
- Recommended use per day 24/7 in ambient temp of 25°C .
In temps >25° may result in shorter lifetime of the product.
- Power consumption = watts from the tube + ballast consumption
(This will vary depending on each ballast used. Each ballast will consume different wattage and thus will contribute differently to the total power consumption of the system). Total lumen output of the system may also vary depending on the ballast used and the power consumption.

Americanlite® LED direct replacement tubes can only work with instant electronic ballast, not suitable for direct line connection.

Packing information

Square rigid box packing

Model	CBM per master	Pieces per master	Box Dimensions (cm)	Gross weight (Kg)
36w PETG Bypass	0.1719	16	245 x 26 x 27	16.38



PETG Dual Bypass

T5 LED SMD Tube

SUPERBRITE

	IP20	CCT 3K-65K
Lumens up to 156 lxm	DIM Triac	
VOLTS 120-277	CRI 83	THD 20%
PF >0.90		
5 YEAR Warranty		

Americanlite® offer a premium quality UL-DLC LED Tubes can be widely used for various commercial and residential lighting applications, such as offices, shopping malls, parking lots, hotels, restaurants, hospitals, schools and many more.

- PET coated-glass housing
- G5 Base T6 Tube
- 70% energy savings compared to traditional fluorescent tubes
- Environment friendly, no mercury or any other hazardous materials
- Powered on one or two ends
- Complies with NSF-2 Standard (safe for food industry)
- **Dimming function only applicable in two end power and 120V**
- **Does not work with ballast**

Ordering information

Model	W	Base	CCT	Input Voltage	Lumens	Diffuser	Length
AL571280	13w	G5	3000K	120-277V	1600lm	Opal	1163mm
AL571281			4000K	120-277V	1650lm	Opal	1163mm
AL571282			5000K	120-277V	1650lm	Opal	1163mm
AL571283			6500K	120-277V	1700lm	Opal	1163mm
AL571288	25w	G5	3000K	120-277V	3300lm	Opal	1163mm
AL571289			4000K	120-277V	3500lm	Opal	1163mm
AL571290			5000K	120-277V	3500lm	Opal	1163mm
AL571291			6500K	120-277V	3500lm	Opal	1163mm
AL571392	25w*	G5	3000K	120-277V	3700lm	Opal	1163mm
AL571393			4000K	120-277V	3900lm	Opal	1163mm
AL571394			5000K	120-277V	3900lm	Opal	1163mm
AL571395			6500K	120-277V	3900lm	Opal	1163mm

Notes

- No DLC for 6500K
- 25w NO DLC*
- Lumen tolerance up to 7%
- Lumens based on DLC Reports
- Length of tube with pin
- Dimming function only applicable in two end power and 120V
- Does not work with ballast
- Recommended use per day 24/7 in ambient temp of 25°C. In temps >25° may result in shorter lifetime of the product.

Packing information

Color Sleeve packing

Model	CBM per master	Pieces per master	Box Dimensions (cm)	Gross weight (Kg)
13w / 25w	0.0216	25	122.3 x 13.3 x 13.3	7.5



PETG 0-10V Dimmable Bypass

T5 LED SMD Tube

	IP20	CCT 3K-5K
Lumens up to 140 lwm		
DIM 0-10V	VOLTS 120-277	CRI 83
THD 20%	PF >0.90	
	5 YEAR	

Americanlite® offer a premium quality UL-DLC LED Tubes can be widely used for various commercial and residential lighting applications, such as offices, shopping malls, parking lots, hotels, restaurants, hospitals, schools and many more.

- PET coated-glass housing
- G5 Base T6 Tube
- 70% energy savings compared to traditional fluorescent tubes
- Environment friendly, no mercury or any other hazardous materials
- Powered on one end
- Complies with NSF-2 Standard (safe for food industry)
- The minimum level still provides 10% of max lumen, consider it 1-10V dimming with 0-10V dimmer.
- **Does not work with ballast**

Ordering information

	Model	W	T5 Fluorescent Equivalent	Base	CCT	Input Voltage	Lumens	Diffuser	Length
High Efficiency	AL583100	9w	14w	G5	3000K	120-277V	1100lm	Opal	563mm
	AL583101	9w	14w	G5	4000K	120-277V	1200lm	Opal	563mm
	AL583102	9w	14w	G5	5000K	120-277V	1200lm	Opal	563mm
	AL583103	12w	21w	G5	3000K	120-277V	1500lm	Opal	863mm
	AL583104	12w	21w	G5	4000K	120-277V	1600lm	Opal	863mm
	AL583105	12w	21w	G5	5000K	120-277V	1600lm	Opal	863mm
	AL583101	13w	28w	G5	3000K	120-277V	1600lm	Opal	1163mm
	AL583107	13w	28w	G5	4000K	120-277V	1700lm	Opal	1163mm
	AL583108	13w	28w	G5	5000K	120-277V	1700lm	Opal	1163mm
High Output	AL583109	12w	24w	G5	3000K	120-277V	1500lm	Opal	563mm
	AL583110	12w	24w	G5	4000K	120-277V	1600lm	Opal	563mm
	AL583111	12w	24w	G5	5000K	120-277V	1600lm	Opal	563mm
	AL583112	16w	39w	G5	3000K	120-277V	2000lm	Opal	863mm
	AL583113	16w	39w	G5	4000K	120-277V	2100lm	Opal	863mm
	AL583114	16w	39w	G5	5000K	120-277V	2100lm	Opal	863mm
	AL583115	25w	54w	G5	3000K	120-277V	3300lm	Opal	1163mm
	AL583116	25w	54w	G5	4000K	120-277V	3500lm	Opal	1163mm
	AL583117	25w	54w	G5	5000K	120-277V	3500lm	Opal	1163mm

Notes

- Lumen tolerance up to 7%
- Length of tube with pin
- Dim: 0-10V lamp will not completely turn off, remains at 10%
- Does not work with ballast
- Recommended use per day 24/7 in ambient temp of 25°C. In temps >25° may result in shorter lifetime of the product.

Packing information

Color Sleeve packing

Model	CBM per master	Pieces per master	Box Dimensions (cm)	Gross weight (Kg)
2'	0.0113	25	60 x 13.5 x 14	3.2
3'	0.0170	25	90 x 13.5 x 14	4.5
4'	0.0226	25	120 x 13.5 x 14	5.8



Full PC Bypass

T8 U LED SMD Tube

SUPERBRITE®

	IP20	CCT 3K-65K
Lumens up to 122 lxw		VOLTS 120-277
CRI 83	THD 20%	PF >0.90
		5 YEAR Warranty

Americanlite® offer a premium quality UL-DLC LED Tubes can be widely used for various commercial and residential lighting applications, such as offices, shopping malls, parking lots, hotels, restaurants, hospitals, schools and many more.

- Full PC housing
- 70% energy savings compared to traditional fluorescent tubes
- Environment friendly, no mercury or any other hazardous materials
- Powered on one end
- **Does not work with ballast**

Ordering information

Model	W	Base	CCT	Input Voltage	Lumens	Diffuser	Length
AL571206	15.5w	G13	3000K	120-277V	1850lm	Opal	152x573mm
AL571241			4000K	120-277V	1850lm	Opal	152x573mm
AL571242			5000K	120-277V	1900lm	Opal	152x573mm
AL571243			6500K*	120-277V	1900lm	Opal	152x573mm

Notes

- No DLC for 6500K
- Lumen tolerance up to 7%
- Does not work with ballast
- Recommended use per day 24/7 in ambient temp of 25°C. In temps >25° may result in shorter lifetime of the product.

Packing information

Box packing

Model	CBM per master	Pieces per master	Box Dimensions (cm)	Gross weight (Kg)
U Shape Bypass	0.0960	24	62 X 40 X 38.5	7.5



PETG Direct Replacement

T8 LED SMD Tube

SUPERBRITE

Americanlite® UL Direct Replacement LED tubes work with most popular instant-start ballasts, does not require an electrical rewiring to install, which simplifies and lowers the installation cost, just plug in and turn on.

PET coated-glass housing provides excellent transparency as well as shatterproof protection. (safe for food industry)

- Compatible with most brands of electronic ballasts (see back of catalog for ballast compatibility list)
- Replace fluorescent tube when power is off without changing the current ballast
- Color temperature 3000K, 4000K, 5000K and 6500K*
- Eco-Friendly, no UV or RF interference, no mercury, no noise
- Complies with NSF-2 Standard (safe for food industry)
- Lumens declared based on ballast factor 0.80
- Powered on 2 ends
- **Does not work without ballast**

	IP20	CCT 3K-65K
Lumens up to 146 lxm		VOLTS 120-277
CRI 83	THD 20%	PF >0.90
		5 YEAR Warranty

Ordering information

Model	W	Base	CCT	Input Voltage	Lumens	Diffuser	Length
AL571316	9w	G13	3000K	120-277V	1250lm	Opal	604mm
AL571317			4000K	120-277V	1300lm	Opal	604mm
AL571318			5000K	120-277V	1300lm	Opal	604mm
AL571319			6500K	120-277V	1300lm	Opal	604mm
AL571268	13w	G13	3000K	120-277V	1800lm	Opal	1213.6mm
AL571269			4000K	120-277V	1850lm	Opal	1213.6mm
AL571270			5000K	120-277V	1900lm	Opal	1213.6mm
AL571271			6500K	120-277V	1900lm	Opal	1213.6mm
AL571272	15w	G13	3000K	120-277V	2000lm	Opal	1213.6mm
AL571273			4000K	120-277V	2070lm	Opal	1213.6mm
AL571274			5000K	120-277V	2100lm	Opal	1213.6mm
AL571275			6500K	120-277V	2100lm	Opal	1213.6mm

Notes

- No DLC for 6500K
- Lumen tolerance up to 7%
- Length of tube with pin
- Power consumption = watts from the tube + ballast consumption
(This will vary depending on each ballast used. Each ballast will consume different wattage and thus will contribute differently to the total power consumption of the system). Total lumen output of the system may also vary depending on the ballast used and the power consumption.
- Americanlite® LED direct replacement tubes can only work with instant electronic ballast, not suitable for direct line connection.
- Does not work without ballast
- Recommended use per day 24/7 in ambient temp of 25°C. In temps >25° may result in shorter lifetime of the product.

Packing information

Color Sleeve packing

Model	CBM per master	Pieces per master	Box Dimensions (cm)	Gross weight (Kg)
9w	0.0234	25	65 x19 x 19	5.8
13w / 15w	0.0462	25	128 x 19 x 19	7.5



	IP20	CCT 3K-65K
Lumens up to 146 lxm		VOLTS 120-277
CRI 83	THD 20%	PF >0.90
		5 YEAR Warranty

|| PETG Direct Replacement ||

T5 LED SMD Tube

Americanlite® UL Direct Replacement LED tubes work with most popular instant-start ballasts, does not require an electrical rewiring to install, which simplifies and lowers the installation cost, just plug in and turn on.

PET coated-glass housing provides excellent transparency as well as shatterproof protection. (safe for food industry)

- Compatible with most brands of electronic ballasts (see back of catalog for ballast compatibility list)
- Replace fluorescent tube when power is off without changing the current ballast
- Color temperature 4000K, 5000K and 6500K*
- Eco-Friendly, no UV or RF interference, no mercury, no noise
- Complies with NSF-2 Standard (safe for food industry)
- Powered on 2 ends
- **Does not work without ballast**

Ordering information

Model	W	Base	CCT	Input Voltage	Lumens	Diffuser	Length
AL571244	13w	G5	3000K	120-277V	1850lm	Opal	1163mm
AL571245	Power consumption	4000K	120-277V	1850lm	Opal	1163mm	
AL571246	(system power)=16w	5000K	120-277V	1900lm	Opal	1163mm	
AL571247		6500K	120-277V	1900lm	Opal	1163mm	
AL571224	25.5w	G5	3000K	120-277V	3250lm	Opal	1163mm
AL571225	Power consumption	4000K	120-277V	3250lm	Opal	1163mm	
AL571226	(system power)=28.5w	5000K	120-277V	3300lm	Opal	1163mm	
AL571227		6500K	120-277V	3300lm	Opal	1163mm	

Notes

- No DLC for 6500K
- Lumen tolerance up to 7%
- Length of tube with pin
- Does not work without ballast
- Recommended use per day 24/7 in ambient temp of 25°C. In temps >25° may result in shorter lifetime of the product.
- Americanlite® LED retrofit tubes can only work with instant electronic ballast, not suitable for direct line connection.
- Power consumption will vary depending on each ballast used. Each ballast will consume different wattage and thus will contribute differently to the total power consumption of the system. Total lumen output of the system may also vary depending on the ballast used and the power consumption.

Packing information

Color Sleeve packing

Model	CBM per master	Pieces per master	Box Dimensions (cm)	Gross weight (Kg)
13w and 25w	0.0235	25	120 X 14 X 14	5.2



Full PC Direct Replacement

T8 U LED SMD Tube

SUPERBRITE

Americanlite® Direct Replacement SMD LED UL tubes work with most popular instant-start ballasts, does not require an electrical rewiring to install, which simplifies and lowers the installation cost, just plug in and turn on.

- Full PC housing
- Compatible with most brands of electronic ballasts (see back of catalog for ballast compatibility list)
- Replace fluorescent tube when power is off without changing the current ballast
- Color temperature 4000K, 5000K and 6500K*
- Eco-Friendly, no UV or RF interference, no mercury, no noise
- Lumens declared based on ballast factor 0.88
- Powered on 2 ends
- **Does not work without ballast**
- **Power consumption may vary depending on ballast**

Ordering information

Model	W	Base	CCT	Input Voltage	Lumens	Diffuser	Length
AL571252	13w	G13	3000K	120-277V	1850lm	Opal	152x573mm
AL571253			4000K	120-277V	1850lm	Opal	152x573mm
AL571254			5000K	120-277V	1900lm	Opal	152x573mm
AL571255			6500K	120-277V	1900lm	Opal	152x573mm

Notes

- No DLC for 6500K
- Lumen tolerance up to 7%
- Does not work without ballast
- Power consumption may vary depending on ballast
- Recommended use per day 24/7 in ambient temp of 25°C. In temps >25° may result in shorter lifetime of the product.
- Power consumption = 13w from the tube + ballast consumption (this will vary depending on each ballast used. Each ballast will consume different wattage and thus will contribute differently to the total power consumption of the system). Total lumen output of the system may also vary depending on the ballast used and the power consumption.
- Americanlite® LED retrofit tubes can only work with instant electronic ballast, not suitable for direct line connection.

Packing information

Box packing

Model	CBM per master	Pieces per master	Box Dimensions (cm)	Gross weight (Kg)
U Shape Direct Replacement	0.0960	24	62 X 40 X 38.5	7.5



PLL Direct Replacement

LED SMD Tube

		IP20
CCT 3K-65K	Lumens up to 100 lxm	160° Beam Angle
VOLTS 120-277	CRI 83	THD 20%
PF 0.90		50,000
5 YEAR Warranty		

Americanlite® Direct Replacement SMD LED UL tubes work with most popular instant-start ballasts, does not require an electrical rewiring to install, which simplifies and lowers the installation cost, just plug in and turn on.

- Compatible with most brands of electronic ballasts
- Replace fluorescent tube when power is off without changing the current ballast, (see ballast compatibility list).
- Color temperature 3000K, 4000K, 5000K and 6500K
- Eco-Friendly, no UV or RF interference, no mercury, no noise
- Lumens declared based on ballast factor 0.90
- PC/Aluminum housing

- **Does not work without ballast**

Ordering information

Model	W	Base	CCT	Input Voltage	Lumens	Diffuser	Length
AL571320	19w	2G11	3000K	120-277V	1900lm	Opal	573mm
AL571321			4000K	120-277V	1900lm	Opal	573mm
AL571322			5000K	120-277V	1900lm	Opal	573mm
AL571323			6500K	120-277V	1900lm	Opal	573mm

- Recommended use per day 24/7 in ambient temp of 25°C. In temps >25° may result in shorter lifetime of the product.

Notes

- Lumen tolerance up to 7%
- Does not work without ballast
- Power consumption = watts from the tube + ballast consumption
(This will vary depending on each ballast used. Each ballast will consume different wattage and thus will contribute differently to the total power consumption of the system). Total lumen output of the system may also vary depending on the ballast used and the power consumption.
- Americanlite® LED PLL direct replacement tubes can only work with program start or rapid start ballasts, not suitable for direct line connection.

Packing information

Color Sleeve packing

Model	CBM per master	Pieces per master	Box Dimensions (cm)	Gross weight (Kg)
19w	0.0243	24	59.5 x 21 x 19.5	5.0



PLC/PLT Direct Replacement

LED SMD Tube

IP20	CCT 3K-5K	Lumens up to 106 lxm
	VOLTS 120-277	CRI 83
THD 20%	PF 0.90	
	5 YEAR	

Americanlite® Direct Replacement SMD LED UL tubes work with most popular instant-start ballasts, does not require an electrical rewiring to install, which simplifies and lowers the installation cost, just plug in and turn on.

- Compatible with most brands of electronic ballasts
- Replace fluorescent tube when power is off without changing the current ballast, (see ballast compatibility list).
- Color temperature 3000K, 4000K, 5000K
- Eco-Friendly, no UV or RF interference, no mercury, no noise
- Lumens declared based on ballast factor 0.90
- PC/Aluminum housing
- To be used in a horizontal position
- **Does not work without ballast**

Ordering information

Model	W	Base	CCT	Input Voltage	Lumens	Diffuser	Length
AL571324	9w	G24q	3000K	120-277V	900lm	Opal	132mm
AL571325			4000K	120-277V	900lm	Opal	132mm
AL571326			5000K	120-277V	900lm	Opal	132mm

Notes

- Lumen tolerance up to 7%
- Does not work without ballast
- Recommended use per day 24/7 in ambient temp of 25°C. In temps >25° may result in shorter lifetime of the product.
- Power consumption = watts from the tube + ballast consumption (This will vary depending on each ballast used. Each ballast will consume different wattage and thus will contribute differently to the total power consumption of the system). Total lumen output of the system may also vary depending on the ballast used and the power consumption.
- Americanlite® LED direct replacement tubes can only work with instant electronic ballast, not suitable for direct line connection.

Packing information

Color Sleeve packing

Model	CBM per master	Pieces per master	Box Dimensions (cm)	Gross weight (Kg)
9w	0.0175	50	77 x 24 x 9.5	5.8

Ballast Compatibility Lists



✓	YES	-	N/A	X	NO							
Electronic Ballast Compatibility List												
Ballast Description				1 Lamp Load		2 Lamps Load		3 Lamps Load		4 Lamps Load		Remark
Brand	Part Number	Start Method	Number of Lamps	Input Voltage		Input Voltage		Input Voltage		Input Voltage		Dimming
				120V	277V	120V	277V	120V	277V	120V	277V	
Arcata	ACT2P32ISUNV	IS	2	✓	✓	✓	✓	-	-	-	-	/
	ACT4P32ISUNV	IS	4	-	-	-	-	✓	✓	✓	✓	/
Advance	ICN-1P32-N	IS	1	✓	✓	-	-	-	-	-	-	/
	ICN-2P32-N	IS	2	X	✓	✓	✓	-	-	-	-	/
	ICN-3P32-N	IS	3	-	-	✓	✓	✓	✓	-	-	REV C/E
	ICN-2P32-SC	IS	2	✓	✓	✓	✓	-	-	-	-	REV D
	ICN-2S40-N	RS	2	✓	✓	✓	✓	-	-	-	-	/
	IOPA-1P32-N	IS	1	✓	✓	-	-	-	-	-	-	REV B
	IOPA-2P32-N	IS	2	X	✓	✓	✓	-	-	-	-	REV A
	IOPA-3P32-N	IS	3	-	-	✓	✓	✓	✓	-	-	REV B
	IOPA-1P32-LW-N	IS	1	X	X	-	-	-	-	-	-	REV A
	IOPA-2P32-LW-N	IS	2	X	X	✓	✓	-	-	-	-	REV B
	IOPA-4P32-LW-N	IS	4	-	-	-	-	✓	✓	✓	✓	/
	RCN-2S32-SC	PS	2	-	-	✓	-	-	-	-	-	REV D
	REZ-2S32-SC	PS	2	-	-	✓	-	-	-	-	-	Dimming
	REL-2P32-SC	IS	2	✓	-	✓	-	-	-	-	-	/
	REL-4P32-RH-TP	IS	4	-	-	-	-	✓	-	✓	-	/
	RELB-2S40-N	RS	2	X	-	✓	-	-	-	-	-	/
	ICN-4P32-N	IS	4	-	-	-	-	✓	✓	✓	✓	REV D
	ICN-4P32-SC	IS	4	-	-	-	-	✓	✓	✓	✓	REV D compatible REV C incompatible
Eiko	PM 2x32T8-UNV-IS-L	IS	2	✓	✓	✓	✓	-	-	-	-	/
ESPEN	VE232MVHIP	IS	2	✓	✓	✓	✓	-	-	-	-	/
	VE232MVHYPE	IS	2	✓	✓	✓	✓	-	-	-	-	/
	VE232MVHIPHE	IS	2	X	X	✓	✓	-	-	-	-	/
	VE232MVHIPLE	IS	2	✓	✓	✓	✓	-	-	-	-	/
	VE432MVHIP	IS	4	-	-	-	-	✓	✓	✓	✓	/
	VE432MVHYPE	IS	4	-	-	-	-	✓	✓	✓	✓	/
Fulham	NPY-120-232-LT8	PS	2	X	-	X	-	-	-	-	-	/
	NPY-120-432-T8B	IS	4	-	-	-	-	✓	-	✓	-	/
	NPY-120-432-T8-IS	IS	4	-	-	-	-	✓	-	✓	-	/
	WHDG3-120-T8-IS	IS	3	-	-	✓	-	✓	-	-	-	/
	WHDG5-120-T12-RS	RS	2	✓	-	✓	-	-	-	-	-	/
	WH2-120-L	IS	1	✓	-	-	-	-	-	-	-	/
Fusion	WH5-120-L	IS	4	-	-	-	-	✓	-	✓	-	/
	FB232MVE	IS	2	✓	✓	✓	✓	-	-	-	-	/
	FB232MVE-N	IS	2	✓	✓	✓	✓	-	-	-	-	/
	FB232MVE-HE	IS	2	✓	✓	✓	✓	-	-	-	-	/
	FB232MVE-LHE	IS	2	✓	-	✓	-	-	-	-	-	/
	FB232MVE-PPS-HE	PS	2	✓	✓	✓	✓	-	-	-	-	/
	FB332MVE	IS	3	-	-	✓	✓	✓	✓	✓	-	/
	FB432MVE	IS	4	-	-	-	-	✓	✓	✓	✓	/
	FB432MVE-HE	IS	4	-	-	-	-	✓	✓	✓	✓	/
	FB432MVE-N	IS	4	-	-	-	-	✓	✓	✓	✓	/
GE	FB432MVE-PPS-HE	PS	4	-	-	-	-	✓	✓	✓	✓	/
	GE132MAXP-N/ULTRA	IS	1	✓	✓	✓	-	-	-	-	-	/
	GE232-120RES-DIYB	IS	2	✓	-	✓	-	-	-	-	-	/
	GE232-120-PS-N	PS	2	✓	-	✓	-	-	-	-	-	/
	GE232MAX-G-N	IS	2	✓	✓	✓	✓	-	-	-	-	/
	GE232MAXP-L/ULTRA	IS	2	✓	✓	✓	✓	-	-	-	-	/
	GE232MAXP-N/ULTRA	IS	2	✓	✓	✓	✓	-	-	-	-	/
	GE232MAXP-H/ULTRA	IS	2	X	X	✓	✓	-	-	-	-	/
	GE232-MV-N	IS	2	✓	✓	✓	✓	-	-	-	-	/
	GE232-MVPS-L	PS	2	✓	✓	✓	✓	-	-	-	-	/
	GE232-MVPS-N	PS	2	✓	✓	✓	✓	-	-	-	-	/
	GE232-MVPS-H	PS	2	X	X	✓	✓	-	-	-	-	/
	GE332MAXL/ULTRA	IS	3	-	-	✓	✓	✓	✓	-	-	/
	GE332MAX90-V60	IS	3	-	-	X	X	✓	✓	-	-	Dimming
	GE332MV-N-DIV	IS	3	-	-	✓	✓	✓	✓	-	-	/
	GE432-120-N	IS	4	-	-	-	-	✓	-	✓	-	/
	GE432MAX-G-N	IS	4	-	-	-	-	✓	✓	✓	✓	/
	GE432MAX-H/ULTRA	IS	4	-	-	-	-	✓	✓	✓	✓	/
	GE432MAX-H-42T	IS	4	-	-	-	-	✓	✓	✓	✓	/
	GE432MV-N-DIY	IS	4	-	-	-	-	✓	✓	✓	✓	/

Americanlite® LED T8 lamps have been tested with the compatible ballasts shown on this chart. We are continually testing our LED lamps on various popular ballasts. We will continue to update this list as additional models are tested.

✓	YES	-	N/A	X	NO									
Electronic Ballast Compatibility List														
Ballast Description					1 Lamp Load		2 Lamps Load		3 Lamps Load		4 Lamps Load		Remark	
Brand	Part Number	Start Method	Number of Lamps	Input Voltage		Input Voltage		Input Voltage		Input Voltage		Dimming	Ballast Version	
				120V	277V	120V	277V	120V	277V	120V	277V			
Arcata	ACT2P32ISUNV	IS	2	✓	✓	✓	✓	-	-	-	-	/	/	
	ACT4P32ISUNV	IS	4	-	-	-	-	✓	✓	✓	✓	/	/	
Advance	ICN-1P32-N	IS	1	✓	✓	-	-	-	-	-	-	/	/	
	ICN-2P32-N	IS	2	X	X	✓	✓	-	-	-	-	/	REV C/E	
	ICN-3P32-N	IS	3	-	-	✓	✓	✓	✓	-	-	/	REV D	
	ICN-2P32-SC	IS	2	✓	✓	✓	✓	-	-	-	-	/	/	
	ICN-2S40-N	RS	2	✓	✓	✓	✓	-	-	-	-	/	/	
	IOPA-1P32-N	IS	1	✓	✓	-	-	-	-	-	-	/	REV B	
	IOPA-2P32-N	IS	2	X	X	✓	✓	-	-	-	-	/	REV A	
	IOPA-3P32-N	IS	3	-	-	✓	✓	✓	✓	-	-	/	REV B	
	IOPA-1P32-LW-N	IS	1	X	X	-	-	-	-	-	-	/	REV A	
	IOPA-2P32-LW-N	IS	2	X	X	✓	✓	-	-	-	-	/	REV B	
	IOPA-4P32-LW-N	IS	4	-	-	-	-	✓	✓	✓	✓	/	REV A	
	RCN-2S32-SC	PS	2	-	-	✓	-	-	-	-	-	/	REV D	
	REZ-2S32-SC	PS	2	-	-	✓	-	-	-	-	-	Dimming	REV E	
	REL-2P32-SC	IS	2	✓	-	✓	-	-	-	-	-	/	/	
	REL-4P32-RH-TP	IS	4	-	-	-	-	✓	-	✓	-	/	/	
	RELB-2S40-N	RS	2	X	-	✓	-	-	-	-	-	/	/	
	ICN-4P32-N	IS	4	-	-	-	-	✓	✓	✓	✓	/	REV D	
	ICN-4P32-SC	IS	4	-	-	-	-	✓	✓	✓	✓	/	REV D compatible REV C incompatible	
Eiko	PM 2x32T8-UNV-IS-L	IS	2	✓	✓	✓	✓	-	-	-	-	/	/	
ESPEN	VE232MVHIP	IS	2	✓	✓	✓	✓	-	-	-	-	/	/	
	VE232MVHPE	IS	2	✓	✓	✓	✓	-	-	-	-	/	/	
	VE232MVHIPHE	IS	2	X	X	✓	✓	-	-	-	-	/	/	
	VE232MVHIPLE	IS	2	✓	✓	✓	✓	-	-	-	-	/	/	
	VE432MVHIP	IS	4	-	-	-	-	✓	✓	✓	✓	/	/	
	VE432MVHPE	IS	4	-	-	-	-	✓	✓	✓	✓	/	/	
Fulham	NPY-120-232-LT8	PS	2	X	-	X	-	-	-	-	-	/	/	
	NPY-120-432-TBB	IS	4	-	-	-	-	✓	-	✓	-	/	/	
	NPY-120-432-T8-IS	IS	4	-	-	-	-	✓	-	✓	-	/	/	
	WHCG3-120-T8-IS	IS	3	-	-	✓	-	✓	-	-	-	/	/	
	WHCG5-120-T12-RS	RS	2	✓	-	✓	-	-	-	-	-	/	/	
	WH2-120-L	IS	1	✓	-	-	-	-	-	-	-	/	/	
	WH5-120-L	IS	4	-	-	-	-	✓	-	✓	-	/	/	
Fusion	FB232MVE	IS	2	✓	✓	✓	✓	-	-	-	-	/	/	
	FB232MVE-N	IS	2	✓	✓	✓	✓	-	-	-	-	/	/	
	FB232MVE-HE	IS	2	✓	✓	✓	✓	-	-	-	-	/	/	
	FB232MVE-LHE	IS	2	✓	-	✓	-	-	-	-	-	/	/	
	FB232MVE-PPS-HE	PS	2	✓	✓	✓	✓	-	-	-	-	/	/	
	FB332MVE	IS	3	-	-	✓	✓	✓	✓	✓	-	/	/	
	FB432MVE	IS	4	-	-	-	-	✓	✓	✓	✓	/	/	
	FB432MVE-HE	IS	4	-	-	-	-	✓	✓	✓	✓	/	/	
	FB432MVE-N	IS	4	-	-	-	-	✓	✓	✓	✓	/	/	
	FB432MVE-PPS-HE	PS	4	-	-	-	-	✓	✓	✓	✓	/	/	
GE	GE132MAXP-N/ULTRA	IS	1	✓	✓	-	-	-	-	-	-	/	/	
	GE 232-120RES-DIYB	IS	2	✓	-	✓	-	-	-	-	-	/	/	
	GE 232-120-PS-N	PS	2	✓	-	✓	-	-	-	-	-	/	/	
	GE232MAX-G-N	IS	2	✓	✓	✓	✓	-	-	-	-	/	/	
	GE232MAXP-L/ULTRA	IS	2	✓	✓	✓	✓	-	-	-	-	/	/	
	GE232MAXP-N/ULTRA	IS	2	✓	✓	✓	✓	-	-	-	-	/	/	
	GE232MAXP-H/ULTRA	IS	2	X	X	✓	✓	-	-	-	-	/	/	
	GE232-MV-N	IS	2	✓	✓	✓	✓	-	-	-	-	/	/	
	GE232-MVPS-L	PS	2	✓	✓	✓	✓	-	-	-	-	/	/	
	GE232-MVPS-N	PS	2	✓	✓	✓	✓	-	-	-	-	/	/	
	GE232-MVPS-H	PS	2	X	X	✓	✓	-	-	-	-	/	/	
	GE332MAX-L/ULTRA	IS	3	-	-	✓	✓	✓	✓	-	-	/	/	
	GE332MAX0-V60	IS	3	-	-	X	X	✓	✓	-	-	Dimming	/	
	GE332MV-N-DIY	IS	3	-	-	✓	✓	✓	✓	-	-	/	/	
	GE432-120-N	IS	4	-	-	-	-	✓	-	✓	-	/	/	
	GE432MAX-G-N	IS	4	-	-	-	-	✓	✓	✓	✓	/	/	
	GE432MAX-H/ULTRA	IS	4	-	-	-	-	✓	✓	✓	✓	/	/	
	GE432MAX-H-42T	IS	4	-	-	-	-	✓	✓	✓	✓	/	/	
	GE432MV-N-DIY	IS	4	-	-	-	-	✓	✓	✓	✓	/	/	

Americanlite® LED T8 lamps have been tested with the compatible ballasts shown on this chart. We are continually testing our LED lamps on various popular ballasts. We will continue to update this list as additional models are tested.

Ballast	N compatible	N-1 compatible
GE-232-MV-PS-N	OK	OK
GE332MAXP-H/ULTRA	OK	OK
GE432MAX-G-H	OK	OK
GE432-N-347	OK	OK
GE432MAX-G-N-4PKL	OK	OK
GE259MAXP-N/ULTRA	OK	OK
GE432MAX-G-N	OK	OK
GE132MAXP-N/ULTRA	OK	/
GE232MAX-N/ULTRA	OK	OK
GE332MAXP-N/ULTRA	OK	OK
GE332MAX-G-H	OK	OK
GE332MAX-G-L	OK	OK
GE432MAX-G-L	OK	OK
GE332MAX-G-N	OK	OK
GE332MV-H	OK	OK
GE432P5347-N	OK	OK
GE432-120RESDIYB	OK	OK
GE432MAX-G-N-DIVB	OK	OK
GE232MAX347-N	OK	OK
GE432MAX-L/ULTRA	OK	OK
GE132MAX-G-N	OK	/
GE132MAX-N/ULTRA	OK	/
GE232MAX-G-L	OK	OK
GE432MV-N	OK	OK
GE132MAXP-L/ULTRA	OK	/
GE432MAXP-N/ULTRA	OK	OK
GE432MAXP-H/ULTRA	OK	OK
GE432MAXP-L/ULTRA	OK	OK
QHE2x32T8/347 ISL-SC	OK	OK
QHE 2x32T8/347 ISN-SC	OK	OK
QHE2xLEDT8/UNV-ISL-SC-G2	OK	OK
QHE1xLEDT8/UNV-ISL-SC-G2	OK	/
QHE2xLEDT8/UNV-ISN-SC	OK	OK
QTP 1x32T8/UNV ISN-SC	OK	/
QHE2x32T8/347 ISN-SC	OK	OK
QHE 1xLEDT8/UNV-ISN-SC	OK	/
QHE1xLEDT8/UNV-ISL-SC	OK	/
QHE3xLEDT8/UNV-ISL-SC	OK	OK
QTP 2x32T8/UNV ISN-SC	OK	OK
QHE 3x32T8/347 ISN-SC	OK	OK
QHE 3x32T8/UNV ISN-SC	OK	OK
QHE 4x32T8/UNV ISN-SC	OK	OK
QHE3xLEDT8/UNV-ISN-SC-G2	OK	OK
QHE 3xLEDT8/UNV-ISN-SC	OK	OK
QHE4x32T8/347 ISN-SC	OK	OK
QHE2xLEDT8/UNV-ISN-SC-G2	OK	OK
QHE4xLEDT8/UNV-ISN-SC	OK	OK
QHE 2x32T8/347 ISL-SC	OK	OK
QHE 4x32T8/UNV ISL-SC	OK	OK
QTP 4x32T8/UNV ISN-SC	OK	OK
QHE 4x32T8/UNV ISH-HT-1	OK	OK
QTP 2x32T8/UNV ISN-SC	OK	OK
QHE 4x32T8/347 ISL-SC	OK	OK
QHE 1x32T8/347 ISN-SC	OK	/
QHE2x32T8/UNV-ISN-SC	OK	OK
QHE 3x32T8/UNV PSN-SC	OK	OK
QHE 1x32T8/347 ISL-SC	OK	/
QTP 2x32T8/UNV ISL-SC	OK	OK
QHE 2x32T8/347 ISN-SC	OK	OK
QTP 4x32T8/UNV ISN-SC	OK	OK
QTP 2x32T8/UNV ISN-SC	OK	OK
QHE 1x32T8/UNV ISH HT SC	OK	/
QHE 3x32T8/UNV ISH HT SC	OK	OK
GOPA-2P32-LW-N	OK	OK
ICN-3P32-N	OK	OK
GOPA-2P32-LW-N	OK	OK
ICN-2P16-TLED-N	OK	OK
IOPA-2P32-N	OK	OK
IOP-2P32-HL-N	OK	OK
IOPA-3P32-N	OK	OK
GOPA-4P32-SC	OK	OK
IOPA-2P32-LW-N	OK	OK
ICN-4P32-N	OK	OK
REL-2P32-SC	OK	OK
VEL-2P32-SC	OK	OK
ICN-1P32-SC	OK	/
B432IUVH-SC	OK	OK
VE232MVIPIE	OK	OK
CAT. NO. KTEB-332-UV-IS-N-P	OK	OK
QHE 2x32T8/UNV ISN HT-SC	OK	OK

Americanlite® LED lamps have been tested with the compatible ballasts shown on this chart. We are continually testing our LED lamps on various popular ballasts. We will continue to update this list as additional models are tested.

	✓	YES	-	N/A	X	NO			Dimming- 7pcs		Original part number 155 pcs	
	IS=INSTANT START										11/2/2023 add new standard part number 19pcs	
	PS=PROGRAMMED RAPID START										Total 174 pcs	
T8 Type A Electronic Ballast Compatibility List												
Ballast Description												
No	Brand	Part Number			Start Method	Number of Lamps	Input Voltage		Input Voltage		Input Voltage	
120V	277V	120V	277V	120V	277V	120V	277V	120V	277V	120V	277V	
1	Standard	E232PI120L	IS	2	✓	-	✓	-	-	-	-	
2		E232T8IS120/N/AS	IS	2	✓	-	✓	-	-	-	-	
3		E432T8IS120/H	IS	4	-	-	-	-	X	-	✓	
4		E432T8IS120/L/AS/BULK	IS	4	-	-	-	-	✓	-	✓	
5		E432T8IS120/N/AS/BULK	IS	4	-	-	-	-	✓	-	✓	
6		61131 E232T8IS120-277/L/AS	IS	2	✓	X	✓	✓	-	-	-	
7		63627 E232T8PS120-277/N/AS	PS	2	✓	✓	✓	✓	-	-	-	
8		61062 E232T8PS120-277/L/AS/BULK	PS	2	X	X	✓	✓	-	-	-	
9		61128 E232T8IS120-277/N/AS	IS	2	✓	X	✓	✓	-	-	-	
10		61123 E232T8IS120/L/AS	IS	2	✓	-	✓	-	-	-	-	
11		60075 E232T8IS120/H/90C	IS	2	✓	-	X	-	-	-	-	
12		60080 E332T8IS120/L/90C/BULK	IS	3	-	-	✓	-	✓	-	-	
13		61122 E332T8IS120/N/AS	IS	3	-	-	✓	-	✓	-	-	
14		61065 E432T8PS120-277/L/AS/BULK	PS	4	-	-	-	-	✓	✓	✓	
15		61129 E432T8IS120-277/N/AS	IS	4	-	-	-	-	✓	✓	✓	
16		61063 E432T8PS120-277/N/AS/BULK	PS	4	-	-	-	-	✓	✓	✓	
17		61134 E432T8IS120-277/L/AS	IS	4	-	-	-	-	✓	✓	✓	
18	Arcata	ACT4P32ISUNV	IS	4	-	-	-	-	✓	✓	✓	
19	Advance	ICN-2P32-N	IS	2	X	X	✓	✓	-	-	-	
20		ICN-2P32-SC	IS	2	✓	✓	✓	✓	-	-	-	
21		ICN-2S40-N	IS	2	✓	✓	✓	✓	-	-	-	
22		ICN-4P32-N REV.D	IS	4	-	-	-	-	✓	✓	✓	
23		ICN-4P32-SC	IS	4	-	-	-	-	✓	✓	✓	
24		ICN-1P32-N	IS	1	✓	✓	-	-	-	-	-	
25		IOPA-1P32-N	IS	1	✓	✓	-	-	-	-	-	
26		IOPA-2P32-N	IS	2	X	X	✓	✓	-	-	-	
27		IOPA-1P32-LW-N	IS	1	X	X	-	-	-	-	-	
28		IOPA-2P32-LW-N	IS	2	X	X	✓	✓	-	-	-	
29		IOPA-4P32-LW-N	IS	4	-	-	-	-	✓	✓	✓	
30		IOPS-1P32-N	IS	1	✓	✓	-	-	-	-	-	
31		IOP-4P32-LW-N	IS	4	✓	✓	✓	✓	✓	✓	✓	
32		RCN-2S32-SC	PS	2	-	-	✓	-	-	-	-	
33		REZ-2S32-SC	PS	2	X	-	✓	-	-	-	-	
34		REL-4P32-RH-TP	IS	4	-	-	-	-	✓	✓	✓	
35		RELB-2S40-N	RS	2	✓	-	✓	-	-	-	-	
36		REL-2P32-SC	IS	2	✓	-	✓	-	-	-	-	
37		MARK VII 0-10V IZT-132-SC	PS	1	✓	✓	-	-	-	-	-	
38		ILV-S32-SC	PS	2	-	-	✓	✓	-	-	-	
39	ESPEN	VE232MVHIP	IS	2	✓	✓	✓	✓	-	-	-	
40		VE232MVHPE	IS	2	✓	✓	✓	✓	-	-	-	
41		VE232MVHIPHE	IS	2	X	X	✓	✓	-	-	-	
42		VE232MVHIPLE	IS	2	✓	✓	✓	✓	-	-	-	
43		VE432MVHIP	IS	4	-	-	-	-	✓	✓	✓	
44		VE432MVHPE	IS	4	-	-	-	-	✓	✓	✓	
45		VE432MVHIPHE	IS	4	-	-	-	-	✓	✓	✓	
46	Fulham	NPY-120-232-LT8	PS	2	✓	-	✓	-	-	-	-	
47		NPY-120-432-T8-B	IS	4	-	-	-	-	✓	-	✓	
48		NPY-120-432-T8-S	IS	4	-	-	-	-	✓	-	✓	
49		WHCG3-120-T8-IS	IS	3	-	-	✓	-	✓	-	-	
50		WHCG5-120-T12-RS	RS	2	✓	-	✓	-	-	-	-	
51		WHL-120-L	IS	2	✓	-	✓	-	-	-	-	
52		WH5-120-L	IS	2	-	-	X	-	-	-	-	
53	Fusion	FB322MVE	IS	2	✓	✓	✓	✓	-	-	-	
54		FB322MVE	IS	3	-	-	✓	✓	✓	✓	-	
55		FB432MVE	IS	4	-	-	-	-	✓	✓	✓	
56		FB232MVE-HE	IS	2	✓	✓	✓	✓	-	-	-	
57		FB232MVE-LHE	IS	2	✓	-	✓	-	-	-	-	
58		FB432MVE-HE	IS	4	-	-	-	-	✓	✓	✓	
59		FB232MVE-PPS-HE	PS	2	✓	✓	✓	✓	-	-	-	
60		FB432MVE-PPS-HE	PS	4	-	-	-	-	✓	✓	✓	

Americanlite® LED lamps have been tested with the compatible ballasts shown on this chart. We are continually testing our LED lamps on various popular ballasts. We will continue to update this list as additional models are tested.

		✓	YES	-	N/A	X	NO		Dimming-7pcs	Original part number 155 pcs 11/2/2023 add new standard part number 19pcs Total 174 pcs
		IS=INSTANT START								
		PS=PROGRAMMED RAPID START								
		RS=RAPID START								
T8 Type A Electronic Ballast Compatibility List										
		Ballast Description				1 Lamp Load		2 Lamps Load	3 Lamps Load	4 Lamps Load
61	GE	GE432MAXP-H/ULTRA	IS	4	✓	X	✓	✓	✓	✓
62		GE232MAXP-H	IS	2	✓	✓	✓	✓	-	-
63		GE232MAXP-L	IS	2	✓	✓	✓	✓	-	-
64		GE332MAXP-L	IS	3	✓	✓	✓	✓	✓	-
65		GE132MAXP-N	IS	1	✓	✓	-	-	-	-
66		GE 232-120RES-DIYB	IS	2	✓	-	✓	-	-	-
67		GE 232-120-PS-N	PS	2	✓	-	✓	-	-	-
68		GE232MAX-G-N	IS	2	✓	✓	✓	✓	-	-
69		GE232MAX-N	IS	2	✓	✓	✓	✓	-	-
70		GE232-MVPS-L	PS	2	✓	✓	✓	✓	-	-
71		GE232-MV-N	IS	2	✓	✓	✓	✓	-	-
72		GE-232-MVPS-H	PS	2	X	X	✓	✓	-	-
73		GE332MAX90-V60	IS	3	-	-	X	X	✓	✓
74		GE332MV-N-DIY	IS	3	-	-	✓	✓	✓	-
75		GE432MAX-H-42T	IS	4	-	-	-	-	✓	✓
76		GE-232-MV-PS-L	PRO	2	✓	X	✓	✓	-	-
77		GE232MVPS-N-VO3	PS	2	✓	✓	✓	✓	-	-
78		GE332MVPS-N-VO3	PS	3	-	-	✓	✓	✓	-
79		GE432MVPS-N-VO3	PS	4	-	-	-	✓	✓	✓
80	Greenhill	GH2P591SUVN	IS	2	X	X	✓	✓	-	-
81		GH4P321SUVN	IS	4	-	-	-	✓	✓	✓
82	Halco	EP232IS/H/MV/HE	IS	2	X	X	✓	✓	-	-
83		EP332IS/L/MV/HE	IS	3	-	-	✓	✓	✓	-
84		EP332IS/MV/MC	IS	3	-	-	✓	✓	✓	-
85		EP432IS/L/MV/HE	IS	4	-	-	-	✓	✓	✓
86	Huafeng	EP432IS/MV/MC	IS	4	-	-	-	✓	✓	✓
87		ENI-T8-32-P2SC-N	IS	2	✓	✓	✓	✓	-	-
88		ENI-T8-32-P4MC-N	IS	4	-	-	-	✓	✓	✓
89	Keystone	KTEB-232-UV-IS-N-P	IS	2	✓	✓	✓	✓	-	-
90		KTEB-332-UV-IS-N-P	IS	3	-	-	✓	✓	✓	-
91		KTEB-432-UV-IS-N-P	IS	4	-	-	-	✓	✓	✓
92		KTEB-232-UV-PS-VDIM	PS	2	-	-	✓	✓	-	-
93	OSRAM	QTP 3x32T8/UNV PSX-SC	IS	3	-	-	-	-	X	X
94		QHE 4x32T8/UNV PSN-SC	PS	4	✓	✓	✓	✓	✓	✓
95		QTP 2x32T8/UNV ISN-SC	IS	2	✓	✓	✓	✓	-	-
96		QHE1X32T8/UNV ISH-HT-SC	IS	1	✓	✓	-	-	-	-
97		QHE1X32T8/UNV ISL-SC	IS	1	✓	✓	-	-	-	-
98		QHE1X32T8/UNV ISN-SC	IS	1	✓	✓	-	-	-	-
99		QHE1x32T8/UNV DIM-TC	DIM	1	✓	✓	-	-	-	-
100		QHE1XLED78/UNV ISL-SC	IS	1	✓	✓	-	-	-	-
101		QHE1XLED78/UNV ISN-SC	IS	1	✓	✓	-	-	-	-
102		QHE1XLED78/UNV ISN-SC-G2	IS	1	✓	✓	-	-	-	-
103		QHE2XLED78/UNV ISL-SC-G2	IS	2	✓	✓	✓	✓	-	-
104		QHE2XLED78/UNV ISN-SC-G2	IS	2	✓	✓	✓	✓	-	-
105		QHE2X32T8/UNV ISH-HT-SC	IS	2	✓	✓	✓	✓	-	-
106		QHE2X32T8/UNV ISL-SC	IS	2	✓	✓	✓	✓	-	-
107		QHE2X32T8/UNV ISN-SC	IS	2	✓	✓	✓	✓	-	-
108		QHE2x32T8/UNV PSH-HT	PRO	2	✓	✓	✓	✓	-	-
109		QHE2x32T8/UNV DIM-TC	DIM	2	X	X	✓	✓	-	-
110		QHE3XLED78/UNV ISL-SC	IS	3	✓	✓	✓	✓	✓	-
111		QHE3XLED78/UNV ISN-SC	IS	3	✓	✓	✓	✓	✓	-
112		QHE3XLED78/UNV ISN-SC-G2	IS	3	✓	✓	✓	✓	✓	-
113		QHE3X32T8/UNV ISL-SC	IS	3	✓	✓	✓	✓	✓	-
114		QHE3X32T8/UNV ISN-SC	IS	3	TBD	✓	✓	✓	✓	-
115		QHE3X32T8/UNV ISN-SC-1	IS	3	✓	✓	✓	✓	✓	-
116		QHE3X32T8/UNV PSN-SC	PRO	3	✓	TBD	✓	✓	✓	-
117		QHE4XLED78/UNV ISN-SC-G2	IS	4	✓	✓	✓	✓	✓	✓
118		QHE4X32T8/UNV ISL-SC	IS	4	✓	✓	✓	✓	✓	✓
119		QHE4X32T8/UNV ISN-SC	IS	4	✓	✓	✓	✓	✓	✓
120		QHE4x32T8/UNV DIM-TCL	DIM	4	-	-	-	-	-	-
121		QTP 2x32T8/UNV ISN-SC	IS	2	✓	✓	✓	✓	-	-
122		QHE3x32T8/UNVDIM-TC	DIM	3	-	-	-	-	-	-
123	Howard	EP4/32IS/MV/MC/HE	IS	4	✓	-	✓	✓	✓	✓
124		EP3/32IS/MV/SC/HE	IS	3	✓	✓	✓	✓	✓	-
125	POWER MASTER	2x32T8-UNV-IS-L	IS	2	✓	✓	✓	✓	-	-
126		RSW240T12120	PS	2	X	-	X	-	-	-
127	Sunpark	SL15T	PS	2	✓	-	✓	-	-	-
128		BB-T8/UVH-2x32	IS	2	✓	✓	✓	✓	-	-
129	Pacific	BB-T8/UVH-3x32	IS	3	-	-	-	-	✓	✓
130		EB-332IS-U	IS	3	-	-	✓	✓	✓	✓
131	TCP	EB-432IS-U	IS	4	-	-	-	✓	✓	✓
132		E4P32PSVNVE	IS	4	✓	✓	✓	✓	✓	✓
133	PLUSRITE	BAF232IS/MV/H	IS	2	✓	✓	✓	✓	-	-
134		B232SR120S30	PS	2	-	-	✓	-	-	-
135	Universal	B232UVNHP-N	IS	2	-	-	✓	-	-	-
136		B432UVNHP-A	IS	4	-	-	-	-	✓	✓
137		B332UVNHP-A	IS	3	✓	✓	✓	✓	✓	-

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✓	YES	-	N/A	X	NO			Dimming-7pcs		Original part number 155 pcs		
IS=INSTANT START										11/2/2023 add new standard part number 19pcs		
PS=PROGRAMMED RAPID START										Total 174 pcs		
T8 Type A Electronic Ballast Compatibility List												
No		Ballast Description				1 Lamp Load		2 Lamps Load	3 Lamps Load	4 Lamps Load		
No	Brand	Part Number		Start Method	Number of Lamps	Input Voltage	120V	277V	120V	277V		
		Ballast Description				1 Lamp Load		2 Lamps Load	3 Lamps Load	4 Lamps Load		
No	Brand	Part Number		Start Method	Number of Lamps	Input Voltage	347V	480V	347V	480V		
138	Advance	GOPA-4P32-LW-SC		IS	4	✓		✓	✓	✓		
139		GOPA-3P32-LW-SC		IS	2	✓		✓				
140		GOPA-4P32-SC		IS	4	✓		✓	✓	✓		
141	OSRAM	QHE 4*32T8/347 ISN-SC		IS	4	X	-	✓	-	✓		
142		QHE1X32T8/347 ISN-SC		IS	1	✓	-	-	-	-		
143		QHE1X32T8/347 ISL-SC		IS	1	✓	-	-	-	-		
144		QHE2X32T8/347 ISL-SC		IS	2	✓	-	✓	-	-		
145		QHE2X32T8/347 ISN-SC		IS	2	✓	-	✓	-	-		
146		QHE3X32T8/347 ISN-SC		IS	3	✓	-	✓	-	✓		
147	Fusion	FB232347E-HE		IS	2	✓	-	✓	-	-		
148		FB232347E-L		IS	2	✓	-	✓	-	-		
149		FB232347E-PPS-HE		PS	2	✓	-	✓	-	-		
150		FB432347E-HE		IS	4	-	-	-	✓	✓		
151		FB432347E-L		IS	4	-	-	-	✓	✓		
152		FB432347E-PPS-HE		PS	4	-	-	-	✓	✓		
153	GE	GE232MAX347-H		IS	2	X	-	✓	-	-		
154		GE332MAX347-H		IS	3	-	-	X	-	✓		
155		GE332MAX347-H		IS	3	-	-	✓	-	✓		
156		GE232PS347-N		IS	2	✓	-	✓	-	-		
157		E232T8IS347/N		IS	2	✓	-	✓	-	-		
158		GE432PS347-N		PS	4	✓		✓		✓		
159	Standard	E232T8IS347/H/90C		IS	2	X	-	X	-	-		
160		E232T8IS347/L/BULK		IS	2	✓	-	✓	-	-		
161		E232T8IS347/N/BULK		IS	2	✓	-	✓	-	-		
162		E432PI347G01		IS	4	-	-	-	✓	X		
163		E432T8IS347/L/BULK		IS	4	-	-	-	✓	✓		
164		E432T8IS347/N		IS	4	-	-	-	✓	✓		
165		E432T8IS347/N/BULK		IS	4	-	-	-	✓	✓		
166		E432T8IS347/H/90C		IS	4	-	-	-	X	✓		
167	66150 E232T8IS/MIC/347/N/AS		IS	2	✓	-	✓	-	-	-		
168	59741 E232T8PS347/H/XTRM		PS	2	✓	-	✓	-	-	-		
169	62992 E232T8PS347/N/AS/BULK		PS	2	✓	-	✓	-	-	-		
170	66152 E232T8IS/MIC/347/L/AS/BULK		IS	2	✓	-	✓	-	-	-		
171	60079 E332T8IS347/L/90C/BULK		IS	3	-	-	✓	-	✓	-		
172	61064 E432T8PS347/N/AS/BULK		PS	4	-	-	-	✓	-	✓		
173	61066 E432T8PS347/L/AS/BULK		PS	4	-	-	-	✓	-	✓		
174	Ultrasave	MR232347		IS	2	X	-	✓	-	-		
175	Universal	B232I347HE-A		IS	2	✓	-	✓	-	-		
176		B432I347HE-A		IS	4	-	-	-	✓	✓		
177	SYMBAN	SLFE-432T8-347V		IS	4	-	-	-	✓	✓		
178	Arcata	ACT4P32IS347L		IS	4	-			✓	✓		
179		ACT4P32IS347		IS	4	-			✓	✓		
180		ACT2P32IS347L		IS	4	✓		✓				
181		ACT2P32IS347		IS	4	✓		✓				

This Ballast List is provided for guidance when selecting a ballast and lamp combination. Lamps were tested for compatibility with the above listed Ballasts. Ballasts do not appear on the chart might still be compatible but have not been tested

Emergency Ballast	Model	Compatibility
172	IOTA	ISL-540 TBTS SERIES D - EMERGENCY LIGHTING EQUIPMENT
173	KEYSTONE	KT-EMRG-500 EMERGENCY LIGHTING EQUIPMENT
174	PHILIPS	bodine B50 EMERGENCY LIGHTING EQUIPMENT

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NO	BRAND	BALLAST ITEM	LAMP QTY	INPUT		RESULT
				VOLTAGE (V)		
1	AccuSTart (迈特)	B228PUNV-C	1	120	✓	
				277	✓	
		B228PUNV-N	2	120	✓	
				277	✓	
2	AccuSTart (迈特)	B228PU95S	1	120	✓	
				277	✓	
		50D	2	120	✓	
				277	✓	
3	Centium ICN-2S-28	1		120	✓	
				277	✓	
		2		120	✓	
				277	✓	
4	ADVANCE	Centium ICN-2S-28-T	1	120	✓	
				277	✓	
		2		120	✓	
				277	✓	
5	ADVANCE	ICN-2S28-N	1	120	✓	
				277	✓	
		2		120	✓	
				277	✓	
6	KEYSTONE	KTEB-228HE-UV	1	120	✓	
				277	✓	
		2		120	✓	
				277	✓	
7	KEYSTONE	PROFESSIONAL QTP5 2*54	1	120	✓	
				277	✓	
		2		120	✓	
				277	✓	
8	Robertson	RACEHORSE	1	120	✓	
				277	✓	
		RHA-UNV-228-L T5	2	120	✓	
				277	✓	
9	OSRAM	QHE2*28T5 /UNV PSN	1	120	✓	
				277	✓	
		2		120	✓	
				277	✓	
10	OSRAM	QHE2*28T5 /UNV PSN	1	120	✓	
				277	✓	
		2		120	✓	
				277	✓	
11	SYLVANIA	QTP 2*28T5/UNV PSN	1	120	✓	
				277	✓	
		2		120	✓	
				277	✓	
12	HEP	SD 214-35 UNI	1		X	
				120	✓	
		2		277	✓	

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✓ YES - N/A ✘ NO

Electronic Ballast Compatibility List

—replace T5HO 54W 4FT

Ballast Description			1 Lamp Load		2 Lamps Load		3 Lamps Load		4 Lamps Load	
Brand	Part Number	Number of Lamps	Input Voltage		Input Voltage		Input Voltage		Input Voltage	
			120V	277V	120V	277V	120V	277V	120V	277V
Keystone	KTEB-254HO-UV-PS/A	2	✓	✓	✓	✓	-	-	-	-
	KTEB-254HO-UV-PS-SL	2	✓	✗	✗	✓	✓	-	-	-
	KTEB-454HO-UV-PS	4	✓	✓	✓	✓	✓	✓	✓	✓
Advance	EL1/254A26	2	✓	✓	✓	✓	✓	-	-	-
	HCN-4S54-2LS-H	2	✗	✗	✗	✗	✗	-	-	-
	ICN-2S54	2	✓	✓	✓	✓	✓	-	-	-
	ICN-2S54-N	2	✓	✓	✓	✓	✓	-	-	-
	ICN-2S54-T	2	✓	✓	✓	✓	✓	-	-	-
	ICN-2S54-90C-N	2	✓	✓	✓	✓	✓	-	-	-
	IOP-2PSP54-SC	2	✗	✗	✗	✗	✗	-	-	-
	I2T-2S54-D	2	-	-	✓	✓	-	-	-	-
	ICN-4S54-90C-2LS-G	4	-	-	✓	✓	✓	✓	✓	✓
Damar	IOP-4PSP54-2LS-G	4	✗	✗	✗	✗	✗	✗	✗	✗
	26947A	2	✓	✓	✓	✓	✓	-	-	-
Espon	VE454MVHRP	4	-	-	✓	✓	✓	✓	✓	✓
	VE254MVHRP	2	✓	✓	✓	✓	✓	-	-	-
Fulham	RHA-UNV-254-LTS	2	✓	✓	✓	✓	✓	-	-	-
	RHA-UNV-454-LTS	4	✓	✓	✓	✓	✓	✓	✓	✗
Fusion	WH5-120-L	2	✗	✗	-	✗	-	-	-	-
	FB254T5MVE	2	✓	✓	✓	✓	✓	-	-	-
GE	FB454T5MVE	4	-	-	-	-	-	✓	✓	✓
	GE254MVPS-D	2	✗	✗	✗	✗	✗	-	-	-
Halco	GE254MVPS-D-1	2	✓	✓	✓	✓	✓	-	-	-
	GE254MVPS90-A	2	✗	✗	✗	✗	✗	-	-	-
Halco	GE454MVPS90-F	4	✗	✗	✗	✗	✗	✗	✗	✗
	EP254HO/PS/MV/MC	2	✓	✓	✓	✓	✓	-	-	-
HEP	EP454HO/PS/MV	4	-	-	✓	✓	✓	✓	✓	✓
	SI 254-58 UNI	2	-	-	✗	✗	-	-	-	-
Huafeng	SD 254-58 UNI	2	-	-	✓	✓	-	-	-	-
	ENP-T5-54-52MC	2	✓	✓	✓	✓	✓	-	-	-
Liyuan	ENP-T5-54-54LC	4	✓	-	-	✓	✓	✗	✗	✓
	LYEB5812	2	✗	✗	✗	✓	✓	-	-	-
Luma	BLF254-U	2	✓	✓	✓	✓	✓	-	-	-
	Maxlite	2	✓	✓	✓	✓	✓	-	-	-
Osram	QHE 2x54T5HO/ UNV PSN	2	✓	✓	✓	✓	✓	-	-	-
	QT 2x54/120PHO-DIM	2	-	-	✗	✗	-	-	-	-
	QTP 2x54T5HO/UNV PSN	2	✓	✓	✓	✓	✓	-	-	-
	QTP 2x54T5HO/ UNV PSN HT	2	✓	✓	✓	✓	✓	-	-	-
	QTP 2x54T5HO/UNV PSN 80-SC	2	✓	✓	✓	✓	✓	-	-	-
	QHE 4x54T5HO/UNV PSN HT SCL	4	✓	✓	✓	✓	✓	✓	✓	✓
	QHE 4x54T5HO/ UNV PSN HT SCL [DOD]	4	✓	✓	✓	✓	✓	✓	✓	✓
	QTP 4x54T5HO/ UNV PSN HT W	4	✓	✓	✓	✓	✓	✓	✓	✓
	QHE 2x54T5HO/ UNV PSN	2	✓	✓	✓	✓	✓	-	-	-
Pacific	ER-254PRS-U	2	✓	✓	✓	✓	✓	-	-	-
	Roberson	PSB454T5MV	4	✓	✓	✓	✓	✓	✓	✓
Sunkirk	U-2/54T5HO	2	✓	✓	✓	✓	✓	-	-	-
	SLFE-254 T5HO-120MV-90C	2	✓	✓	✓	✓	✓	-	-	-
Symban	SLFE-454 T5HO-120MV-90C	4	✓	✓	✓	✓	✓	✓	✓	✓
	E154T5PS120-277/N/HO	1	✓	✓	✓	-	-	-	-	-
Standard	E245T5HOPS120-277/N/XTRM	2	✓	✓	✓	✓	✓	-	-	-
	E454T5HOPS120-277/N/XTRM	4	✓	✓	✓	✓	✓	✓	✓	✓
Ultrasave	ER254120MHT-W	2	✓	✓	✓	✓	✓	-	-	-
	B254PUNV-D	2	✓	✓	✓	✓	✓	-	-	-
Universal	B254PUNVHB-D	2	✓	✓	✓	✓	✓	-	-	-
	B454PUNV-E	4	✓	✓	✓	✓	✓	✓	✓	✓
	B454PUNVHB-E	4	✓	✓	✓	✓	✓	✓	✓	✓

Ballast Description			1 Lamp Load		2 Lamps Load		3 Lamps Load		4 Lamps Load	
Brand	Part Number	Number of Lamps	Input Voltage		Input Voltage		Input Voltage		Input Voltage	
			347V	480V	347V	480V	347V	480V	347V	480V
Advance	HCN-2S54-90C-WL	2	✓	✓	✓	✓	-	-	-	-
	HCN-4S54-90C-2LS-G	4	✓	✓	✓	✓	✓	✓	✓	✓
Fusion	FB454T347TSE	4	-	-	-	-	✓	-	✓	-
	QHE 2x54T5HO/347-480PSN HT	2	✓	✓	✓	✓	✓	-	-	-
Osram	QHE 4x54T5HO/347-480PSN HT SCL	4	✗	✗	✗	✗	✗	✗	✗	✗
	SLFE-254 T5HO-347V-90C	2	✓	-	✓	-	-	-	-	-
Symban	SLFE-454 T5HO-347V-90C	2	✓	-	✓	-	✓	-	✓	-
	E245T5HOPS347/N/XTRM	2	✓	-	✓	-	-	-	-	-
Standard	E454T5HOPS347/N/XTRM	4	✓	-	✓	-	✓	-	✓	-

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18W

Ballast Model	Lamp #	Voltage
KEYSTONE KTEB-254HO-UV-PS/A	2	120
		277
KEYSTONE KTEB-254HO-UV-PS/A	1	120
		277
HUAFENG ENP-T-54-S2MC	2	120
		277
HUAFENG ENP-T-54-S2MC	1	120
		277
Philips ICN-2S54-T	2	120
		277
Philips ICN-2S54-T	1	120
		277
KEYSTONE KTEB-254HO-UV-PS-SL	2	120
KEYSTONE KTEB-254HO-UV-PS-SL	1	120
ADVANCE ICN-2S54	2	120
		277
ADVANCE ICN-2S54	1	120
		277

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✓	Compatible
/	Ballast has no wiring diagram for such installation
✗	NOT Compatible

Brand	Model	Compatibility					
		1 Lamp			2 Lamps		
		120V	277V	347V	120V	277V	/
PHILIPS	ICF-2S13-H1-LD	✓	✓	/	✓	✓	/
	ICF-2S13-M1-BS	✓	✓	/	✓	✓	/
	ICF-2S18-M1-BS	✓	✓	/	✓	✓	/
	RMB-1P13-S1	✓	/	/	/	/	/
	ICF-2S18-H1-LD	✓	✓	/	✓	✓	/
	ICF-2S42-M2-LD	✓	✗	/	✓	✗	/
	REZ-2T42-M3-BS	✓	/	/	✓	/	/
	REZ-2Q26-M2-BS	✓	/	/	✓	/	/
	VEZ-2Q26-M2-LD	/	✓	/	/	✓	/
	VEZ-1T42-M2-LD	/	✓	/	/	/	/
KEYSTONE	KTEB-226-UV-PS-DW	✓	✓	/	✓	✓	/
	KTEB-242-UV-PS-DW	✓	✓	/	✓	✓	/
	KTEB-242-UV-RS-DW	✗ (High Power)	✗ (High Power)	/	✓	✓	/
	KTEB-218-UV-RS-DW	✓	✓	/	✓	✓	/
	KTEB-218-UV-PS-DW	✓	✓	/	✓	✓	/
	KTEB-126-1-TP	✓	/	/	/	/	/
OSRAM	QTP 2*26CF/UNV DM PEM	✓	✓	/	✓	✓	/
	QTP2*26CF/UNV QS	✗ (Very Low Power)	✓	/	✗ (Flickering)	✓	/
SYLVANIA	QTP 2*26/32/42CF/UNV TM	✗ (Unstable Power)	✗ (Unstable Power)	/	✗ (Flickering)	✗ (Flickering)	/
	QTP 1/2*18F/UNV DM	✓	✓	/	✓	✓	/
	QTP 2*26CF/UNV DM	✓	✓	/	✓	✓	/
	QTP 2*26/32/42 CF/UNV DM PEM	✗ (Unstable Power)	✗ (Unstable Power)	/	✗ (Flickering)	✗ (Flickering)	/
	EP2/26CF/MV/2	✓	✓	/	✓	✓	/
HOWARD	EP2/42CF/MV/2	✓	✓	/	✓	✓	/
	GEC242-MVPS-3W	✓	✓	/	✓	✓	/
GE	GEC218-MVPS-3W	✓	✓	/	✗	✓	/
	GEC226-MVPS-3W	✓	✓	/	✓	✓	/
WORK HORSE	WH2-120-C	✓	/	/	✓	/	/
	WH33-120-C	✓	/	/	✓	/	/
	RHA-UNV-226-C	✓	✓	/	✓	✓	/
	EHA-UNV-242-C	✓	✓	/	✓	✓	/
STANDARD	E22142-UV-TDE FLX	✓	✓	/	✓	✓	/
	E1321-UV-S	✗ (Flickering)	✗ (Flickering)	/	✗ (Unstable Power)	✗ (Unstable Power)	/
	E21338-UV-TDE FLX	✓	✓	/	✓	✓	/
	E22142-UV-TDE FLX	✓	✓	/	✓	✓	/
	E22142-347-TDX-FLX	/	/	✓	/	/	✓
	E22642-347-A-TDX-FLX	/	/	✓	/	/	✓
	E22642-UV-A-TDX FLX	✓	✓	/	✓	✓	/
	E2150-347S	/	/	✓	/	/	✓
	E2150-UV-S	✓	✓	/	✓	✓	/
	ED22150-120-277-SL LB	✓	✓	/	✓	✓	/
PONY	ED22150-347-BLS GLB	/	/	✓	/	/	✓
	ED2150-UV-BS	✗ (Flickering)	✗ (Flickering)	/	✓	✓	/
	NPY-120-226-CFL	✗ (High Power)	/	/	✗ (High Power)	/	/
	C2642UNVME	✓	✓	/	✓	✓	/
TRIAD	C218UNVME	✓	✓	/	✓	✓	/
	C2642/347ME	/	/	✓	/	/	✓
	C218/347ME	/	/	✓	/	/	✓
	C213/347ME	/	/	✓	/	/	✓
	C242/347ME	/	/	✗	/	/	✗

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Warranty

Americanlite® is pleased to provide a 5 year limited warranty covering the LED Tubes on this catalogue. Americanlite® warrants that the LED Tubes comply with Americanlite®'s published specifications and are free from defects in materials and workmanship.

All our equipment is UL approved and manufactured with approved components. Americanlite® reserves the right to change or improve the design or components of any of its products due to parts availability or changes in standards, without assuming any obligation to modify any product previously manufactured and without notice. All equipment is tested and inspected before shipment.

This warranty is void if the product is operated outside of its normal operating conditions. The foregoing warranty does not apply to failures caused by acts of God or as a result of any abuse, misuse, abnormal use, or use in violation of any applicable standard, code or instructions for use in installations, including, but not limited to, those contained in the Standards for the International Electrotechnical Commission. Americanlite® reserves and has the right to examine failed lamp to determine the cause of failure, excessive lumen depreciation and patterns of usage.