



LED®

## Tubes Series

americanlite®

We light your world™

CE



# LED Tube

Glass Body Pro



- Specially designed glass housing provides excellent transparency and thermal conductivity allowing good heat dissipation.
- Opal diffuser
- Tolerance  $\pm 7\%$  Lumen
- Powered on one end (Standard)
- Powered on 2 ends-add letter "B"
- Powered on 1 or 2 ends-add letter "U"
- Remove or bypass ballast for installation

## Ordering information

Model	W	Base	Color Temperature	Input Voltage	Lumens	Diffuser	Length
AL573053	9w	G13	6500K	100-277V	800lm	Opal	60cm
AL573054	9w	G13	5000K	100-277V	800lm	Opal	60cm
AL573055	9w	G13	4000K	100-277V	800lm	Opal	60cm
AL573050	16w	G13	6500K	100-277V	1600lm	Opal	120cm
AL573051	16w	G13	5000K	100-277V	1600lm	Opal	120cm
AL573052	16w	G13	4000K	100-277V	1600lm	Opal	120cm

## Notes

Average life hours based on daily use of 12 hours.

The use of more than 12, to 24 hours will not harm the performance but will decrease the lifetime of the product between 25% to 35%.

## Packing information

Color Sleeve packing

Model	CBM per master	Pieces per master	Box Dimensions (cm)	Gross weight (Kg)
9w	0.0240	30	63.5 x 16.5 x 23	4.1
16w	0.0470	30	124.5 x 16.5 x 23	8.1





# LED Tube

*Glass Body Premium*



**IP20**

**Lumens**

100 l/w

**CRI**

70



270°  
Beam Angle

**VOLTS**

100-277

**PF**

>0.50



-20°C to 40°C



30,000

**5**  
YEAR  
Warranty

- Specially designed glass housing provides excellent transparency and thermal conductivity allowing good heat dissipation.
- Opal diffuser
- Tolerance  $\pm 7\%$  Lumen
- Powered on one end (Standard)
- Powered on 2 ends-add letter "B"
- Powered on 1 or 2 ends-add letter "U"
- Add "F" for Foam packing
- Remove or bypass ballast for installation

## Ordering information

Model	W	Base	Color Temperature	Input Voltage	Lumens	Diffuser	Length
AL573056	9w	G13	6500K	100-277V	900lm	Opal	60cm
AL573047	9w	G13	6500K	100-277V	900lm	Clear	60cm
AL573057	18w	G13	6500K	100-277V	1800lm	Opal	120cm
AL573048	18w	G13	6500K	100-277V	1800lm	Clear	120cm

## Notes

Average life hours based on daily use of 12 hours.

The use of more than 12, to 24 hours will not harm the performance but will decrease the lifetime of the product between 25% to 35%.

## Packing information

Color Sleeve packing

Model	CBM per master	Pieces per master	Box Dimensions (cm)	Gross weight (Kg)
9w	0.0176	25	65 x 16.5 x 16.5	2.85
18w	0.0340	25	125 x 16.5 x 16.5	5.5

Foam packing

Model	CBM per master	Pieces per master	Box Dimensions (cm)	Gross weight (Kg)
9w	0.0201	25	65 x 18 x 18	2.75
18w	0.0393	25	125 x 18 x 17.5	5.5



# LED Tube

Glass Body



IP20

**Lumens**

100 l/w

**CRI**

70



270°  
Beam Angle

**VOLTS**

100-265

**PF**

>0.50



-20°C to 40°C



30,000

**5**  
YEAR  
Warranty

- Specially designed glass housing provides excellent transparency and thermal conductivity allowing good heat dissipation.
- Opal or Clear diffuser
- Tolerance  $\pm 7\%$  Lumen
- Powered on one end (Standard)
- Powered on 2 ends-add letter "B"
- Powered on 1 or 2 ends-add letter "U"
- Add "F" for Foam packing
- Remove or bypass ballast for installation

## Ordering information

Model	W	Base	Color Temperature	Input Voltage	Lumens	Diffuser	Length
AL573015	9w	G13	6500K	100-265V	900lm	Opal	60cm
AL573045	9w	G13	6500K	100-265V	900lm	Clear	60cm
AL573016	18w	G13	6500K	100-265V	1800lm	Opal	120cm
AL573046	18w	G13	6500K	100-265V	1800lm	Clear	120cm

## Notes

Average life hours based on daily use of 12 hours.

The use of more than 12, to 24 hours will not harm the performance but will decrease the lifetime of the product between 25% to 35%.

## Packing information

Color Sleeve packing

Model	CBM per master	Pieces per master	Box Dimensions (cm)	Gross weight (Kg)
9w	0.0176	25	65 x 16.5 x 16.5	2.85
18w	0.0340	25	125 x 16.5 x 16.5	5.5

Foam packing

Model	CBM per master	Pieces per master	Box Dimensions (cm)	Gross weight (Kg)
9w	0.0210	25	65 x 18 x 18	2.65
18w	0.0405	25	125 x 18 x 18	5.1



## ECO LED Tube

Glass Body

**IP20**

**Lumens**

100 l/w

**CRI**

≥ 80



**VOLTS**

100-277

**PF**

>0.50

**THD**

≤20%



- Specially designed glass housing provides excellent transparency and thermal conductivity allowing good heat dissipation.
- Opal or Clear diffuser
- Tolerance  $\pm 7\%$  Lumen
- Powered on one end (Standard)
- Powered on 2 ends-add letter "B"
- Powered on 1 or 2 ends-add letter "U"
- Remove or bypass ballast for installation
- Silver label added below end cap level

### Ordering information

Model	W	Base	Color Temperature	Input Voltage	Lumens	Diffuser	Length
AL573040	9w	G13	6500K	100-277V	900lm	Opal	60cm
AL573041	9w	G13	6500K	100-277V	900lm	Clear	60cm
AL573042	18w	G13	6500K	100-277V	1800lm	Opal	120cm
AL573043	18w	G13	6500K	100-277V	1800lm	Clear	120cm

### Notes

Average life hours based on daily use of 12 hours.  
Using for 12 to 24 hours will not harm the performance but will decrease the lifetime of the product between 25% to 35%.

### Packing information

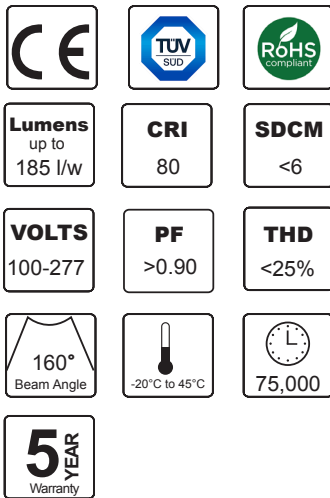
Foam packing

Model	CBM per master	Pieces per master	Box Dimensions (cm)	Gross weight (Kg)
9w	0.0198	25	65 x 18 x 17	2.65
18w	0.0382	25	125 x 18 x 17	5.1



# LED Tube

PC Pro Max



- Specially designed PC housing provides excellent thermal conductivity allowing good heat dissipation.
- PC Opal diffuser
- Powered on one end (Standard)
- Powered on 2 ends-add letter "B"
- Powered on 1 or 2 ends-add letter "U"
- Switch cycle 200,000
- Beam 160°

## Ordering information

Model	W	Base	Color Temperature	Input Voltage	Lumens	Diffuser	Length
AL573090	14w	G13	6500K	100-277V	2590lm	Opal	120cm
AL573091	14w	G13	5000K	100-277V	2550lm	Opal	120cm
AL573092	14w	G13	4000K	100-277V	2550lm	Opal	120cm

## Notes

- Average life hours based on daily use of 12 hours.
- Lumen / poer tolerance <10%
- All certifications based on 220V

## Packing information

Foam packing

Model	CBM per master	Pieces per master	Box Dimensions (cm)	Gross weight (Kg)
14w	0.0356	25	127 x 16.5 x 17	5.5



# LED Tube

PC Pro



IP20

**Lumens**  
up to  
141 l/w

**CRI**  
80



**VOLTS**  
120-277

**PF**  
>0.90

**THD**  
<25%



**50,000**

**5 YEAR**  
Warranty

- Specially designed PC housing provides excellent thermal conductivity allowing good heat dissipation.
- PC Opal diffuser
- Tolerance  $\pm 7\%$  Lumen
- Powered on one end (Standard)
- Powered on 2 ends-add letter "B"
- Powered on 1 or 2 ends-add letter "U"
- Remove or bypass ballast for installation

## Ordering information

Model	W	Base	Color Temperature	Input Voltage	Lumens	Diffuser	Length
AL573079	9w	G13	6500K	120-277V	1200lm	Opal	60cm
AL573080	9w	G13	5000K	120-277V	1200lm	Opal	60cm
AL573081	9w	G13	4000K	120-277V	1200lm	Opal	60cm
AL573082	18w	G13	6500K	120-277V	2550lm	Opal	120cm
AL573083	18w	G13	5000K	120-277V	2550lm	Opal	120cm
AL573084	18w	G13	4000K	120-277V	2550lm	Opal	120cm

## Notes

Average life hours based on daily use of 12 hours.

The use of more than 12, to 24 hours will not harm the performance but will decrease the lifetime of the product between 25% to 35%.

Lumen tolerance <7%.

## Packing information

Sleeve packing

Model	CBM per master	Pieces per master	Box Dimensions (cm)	Gross weight (Kg)
9w	0.0185	25	66 x 16.5 x 17	3.1
18w	0.0356	25	127 x 16.5 x 17	5.5



# LED Tube

PC Body



IP20

**Lumens**

100 l/w

**CRI**

80



180°  
Beam Angle

**VOLTS**

120-277

**PF**

>0.90

**THD**

<25%



-20°C to 40°C



30,000

**3**  
YEAR

Warranty

- Specially designed PC housing provides excellent thermal conductivity allowing good heat dissipation.
- PC Opal diffuser
- Tolerance  $\pm 7\%$  Lumen
- Powered on one end
- Powered on 2 ends-add letter "B"
- Remove or bypass ballast for installation

## Ordering information

Model	W	Base	Color Temperature	Input Voltage	Lumens	Diffuser	Length
AL573070	9w	G13	6500K	120-277V	900lm	Opal	60cm
AL573071	9w	G13	5000K	120-277V	900lm	Opal	60cm
AL573072	9w	G13	4000K	120-277V	900lm	Opal	60cm
AL573073	18w	G13	6500K	120-277V	1800lm	Opal	120cm
AL573074	18w	G13	5000K	120-277V	1800lm	Opal	120cm
AL573075	18w	G13	4000K	120-277V	1800lm	Opal	120cm

## Notes

Average life hours based on daily use of 12 hours.

The use of more than 12, to 24 hours will not harm the performance but will decrease the lifetime of the product between 25% to 35%.

## Packing information

Sleeve packing

Model	CBM per master	Pieces per master	Box Dimensions (cm)	Gross weight (Kg)
9w	0.0185	25	66 x 16.5 x 17	3.1
18w	0.0356	25	127 x 16.5 x 17	5.5





## Microwave Sensor LED Tube

*T8 Glass Body Premium*

	<b>IP20</b>	
<b>Lumens</b> 100 l/w 130 l/w	<b>CCT</b> 4K-65K	<b>CRI</b> 80
 270° Beam Angle	<b>SDCM</b> <6	<b>VOLTS</b> 100-277
<b>PF</b> >0.90	<b>Base</b> G13	 -20°C to 40°C
 30,000	<b>5 YEAR</b> Warranty	

Americanlite® Microwave Sensor Led tubes operates @ ISM 5.8GHz band. It works on the principle of the 'Doppler effect'. If a movement in the detection zone changes the echo pattern, the sensor responds and generate control signal to switch light on.

The compact size, low power consumption, customized detection distance and time delay make Americanlite® MW led tubes ideal for many scenarios of smart lighting, security monitoring, intelligent control system.

While sensor mode is operationg, lumen output is 100%, after no detencting movement, Delay (diferent options) will switch to Stand By mode, where lumen output is set (pre manufacturing) from 0 to 50%.

### Ordering information

130 l/w						100 l/w						Options		Stand by Power	
Model	W	Lumens	CCT	Diffuser	Length	Model	W	Lumens	CCT	Diffuser	Length				
AL573025	9w	1170	6500K	Opal	60cm	AL573034	9w	900	6500K	Opal	60cm	<b>Blank</b>	Opal diffuser	<b>Blank</b>	Off
AL573026	9w	1170	5000K	Opal	60cm	AL573035	9w	900	5000K	Opal	60cm	<b>C</b>	Clear diffuser	<b>2</b>	20%
AL573027	9w	1170	4000K	Opal	60cm	AL573036	9w	900	4000K	Opal	60cm	<b>B</b>	2 end power	<b>3</b>	30%
AL573028	14w	1800	6500K	Opal	120cm	AL573037	18w	1850	6500K	Opal	120cm			<b>5</b>	50%
AL573029	14w	1800	5000K	Opal	120cm	AL573038	18w	1850	5000K	Opal	120cm				
AL573030	14w	1800	4000K	Opal	120cm	AL573039	18w	1850	4000K	Opal	120cm				
AL573031	16w	2000	6500K	Opal	120cm										
AL573032	16w	2000	5000K	Opal	120cm										
AL573033	16w	2000	4000K	Opal	120cm										

### Notes

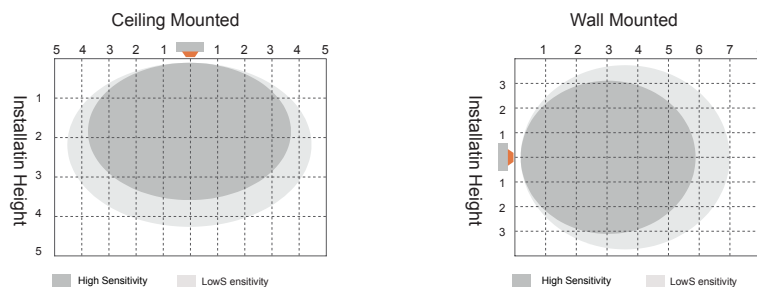
- 180°detection range when wall mount
- 360°detection range when ceiling mount
- Mounting height: < 5m
- Built-in anti-interference algorithm
- Support modes of Quick-Test and Aging
- Detection Range:4m 360° @ 3m height of ceiling mount
- Standard Delay = 1sec ± 0.5sec

- Specially designed glass housing provides excellent transparency and thermal conductivity allowing good heat dissipation.
- Lumen Tolerance = ± 7%
- Powered on one end (Standard)
- Remove or bypass ballast for installation

Options:  
Delay: 1sec ± 0.5sec to 30min ± 1min  
Please specify when placing order

Average life hours based on daily use of 12 hours. The use of more than 12, to 24 hours will not harm the performance but will decrease the lifetime of the product between 25% to 35%.

### MW Detection Graphics



### Packing information

					Foam packing
Model	CBM per master	Pieces per master	Box Dimensions (cm)	Gross weight (Kg)	
9w	0.0176	25	65 x 16.5 x 16.5	2.85	
14w-18w	0.0340	25	125 x 16.5 x 16.5	5.5	



# LED Tube

8' Glass Body



IP20

**Lumens**  
120 l/w

**CRI**  
80



**VOLTS**  
120-277

**PF**  
>0.90

**THD**  
<40%



- Specially designed glass housing provides excellent transparency and thermal conductivity allowing good heat dissipation.
- Opal or Clear diffuser
- Tolerance  $\pm 7\%$  Lumen
- Glass Body / PET Cover
- PETG Bypass
- Remove or bypass ballast for installation
- Powered on 2 ends

## Ordering information

Model	W	Base	Color Temperature	Input Voltage	Lumens	Diffuser	Length
AL573060	40w	FA8	6500K	120-277V	4800lm	Opal	240cm
AL573060C	40w	FA8	6500K	120-277V	4800lm	Clear	240cm

## Notes

Average life hours based on daily use of 12 hours.

The use of more than 12, to 24 hours will not harm the performance but will decrease the lifetime of the product between 25% to 35%.

## Packing information

Box packing

Model	CBM per master	Pieces per master	Box Dimensions (cm)	Gross weight (Kg)
40w	0.0616	16	242.5 x 15.5 x 16.4	16.38



# LED Tube

8' Glass Body



- Specially designed glass housing provides excellent transparency and thermal conductivity allowing good heat dissipation.
- Opal or Clear Diffuser
- Tolerance  $\pm 7\%$  Lumen
- Glass Body
- Remove or bypass ballast for installation
- Powered on 2 ends

## Ordering information

Model	W	Base	Color Temperature	Input Voltage	Lumens	Diffuser	Length
AL573061	40w	FA8	6500K	100-277V	4000lm	Opal	240cm
AL573061C	40w	FA8	6500K	100-277V	4000lm	Clear	240cm

## Notes

Average life hours based on daily use of 12 hours.

The use of more than 12, to 24 hours will not harm the performance but will decrease the lifetime of the product between 25% to 35%.

## Packing information

Box packing

Model	CBM per master	Pieces per master	Box Dimensions (cm)	Gross weight (Kg)
40w	0.0544	16	242 x 15 x 15	5



# LED Tube

8' AL/PC Body



IP20

**Lumens**  
up to  
116 l/w

**CRI**

80



160°  
Beam Angle

**VOLTS**  
100-277

**PF**

>0.90

**THD**

20%



**30,000**

**3**

YEAR  
Warranty

- Specially designed AL/PC housing provides excellent transparency and thermal conductivity allowing good heat dissipation.
- Opal diffuser or Clear
- Tolerance  $\pm 7\%$  Lumen
- Length: with pins: 2386mm  
without pins: 2371mm
- Diameter: 28mm
- Remove or bypass ballast for installation
- Powered on 2 ends

## Ordering information

Model	W	Base	Color Temperature	Input Voltage	Lumens	Diffuser	Length
AL573062	36w	FA8	4000K	120-277V	3960lm	Opal	2386cm
AL573063	36w	FA8	4000K	120-277V	3960lm	Clear	2386cm
AL573064	36w	FA8	5000K	120-277V	3960lm	Opal	2386cm
AL573066	36w	FA8	5000K	120-277V	3960lm	Clear	2386cm
AL573067	36w	FA8	6500K	120-277V	4200lm	Opal	2386cm
AL573068	36w	FA8	6500K	120-277V	4200lm	Clear	2386cm

## Notes

Average life hours based on daily use of 12 hours.

The use of more than 12, to 24 hours will not harm the performance but will decrease the lifetime of the product between 25% to 35%.

## Packing information

Foam packing

Model	CBM per master	Pieces per master	Box Dimensions (cm)	Gross weight (Kg)
36w	0.0920	20	242 x 19.5 x 19.5	5



## Warranty

Americanlite® is pleased to provide 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 CE, ETL or 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.