

Essential LED Bulb G120

- Dimmable

- Leading edge dimmer ✓
- Trailing edge dimmer ✓



RA90 LM80 CE



Article Code	TG120ESS-10W-XD	TG120ESS-15W-XD	TG120ESS-18W-XD	TG120ESS-20W-XD
Lamp Description	Essential G120 Dim	Essential G120 Dim	Essential G120 Dim	Essential G120 Dim
GENERAL CHARACTERISTICS				
Shape	G120	G120	G120	G120
Cap - Base	E26/E27	E26/E27	E26/E27	E26/E27
Rated Wattage	10W	15W	18W	20W
Input Voltage	120/220Vac	120/220Vac	120/220Vac	120/220Vac
Power Factor	0.9	0.9	0.9	0.9
Luminous Flux	900 lm	1400 lm	1600 lm	1860 lm
L70B50 Lifetime	25,000 hrs	25,000 hrs	25,000 hrs	25,000 hrs
Switching Cycles	50,000	50,000	50,000	50,000
Start Time from 0% to 100%	< 0.5 s	< 0.5 s	< 0.5 s	< 0.5 s
Housing Material	Plastic	Plastic	Plastic	Plastic
Working Temperature	-20°C ~ 40°C	-20°C ~ 40°C	-20°C ~ 40°C	-20°C ~ 40°C
Guarantee*	2 years	2 years	2 years	2 years
Dimension	W:129mm×H:159mm	W:120mm×H:159mm	W:120mm×H:159mm	W:120mm×H:159mm
LIGHT CHARACTERISTICS				
Color Temperature	2700/3000/4000/5000K	2700/3000/4000/5000K	2700/3000/4000/5000K	2700/3000/4000/5000K
Color Rendering Index	Ra90	Ra90	Ra90	Ra90
Lamp Efficacy	up to 90 lm/w	up to 93 lm/w	up to 89 lm/w	up to 93 lm/w
Lumen Maintenance Factor at 25°C	70 %	70 %	70 %	70 %
Color Consistency	Phase cut Dimming	Phase cut Dimming	Phase cut Dimming	Phase cut Dimming
Initial Failure Rate	<1%	<1%	<1%	<1%
Color Consistency	3 Step MacAdam Ellipse	5 Step MacAdam Ellipse	5 Step MacAdam Ellipse	5 Step MacAdam Ellipse
Wattage Equivalent to Halogen	50W	75W	100W	100W