

PREMIUM ES111

Dimmable
Ra90+
100lm/W



Article Code	TES111PRO-12W-XD	TES111PRO-14W-XD	TES111PRO-16W-XD
Lamp Description	Premium ES111 DIM	Premium ES111 DIM	Premium ES111 DIM
GENERAL CHARACTERISTICS			
Shape	AR111	AR111	AR111
Cap - Base	GU10	GU10	GU10
Rated Wattage	10 W	14 W	16 W
Input Voltage	220-240 Vac	220-240 Vac	220-240 Vac
Power Factor	0.9	0.9	0.9
Luminous Flux	1000 lm	1400 lm	1600 lm
L70B50 Lifetime	30,000 hrs	30,000 hrs	30,000 hrs
Switching Cycles	50,000	50,000	50,000
Start Time from 0% to 100%	< 0.5 s	< 0.5 s	< 0.5 s
Housing Material	Alu Alloy	Alu Alloy	Alu Alloy
Working Temperature	-20°C ~ 40°C	-20°C ~ 40°C	-20°C ~ 40°C
Guarantee*	3 years	3 years	3 years
Dimension	W:111mm x H:77.7mm	W:111mm x H:77.7mm	W:111mm x H:77.7mm
LIGHT CHARACTERISTICS			
Color Temperature	2700K / 3000K / 4000K	2700K / 3000K / 4000K	2700K / 3000K / 4000K
Color Rendering Index	Ra90+	Ra90+	Ra90+
Lamp Efficacy	up to 100 lm/W	up to 100 lm/W	up to 100 lm/W
Lumen Maintenance Factor at 25°C	70 %	70 %	70 %
Beam Angle	15/24/36/60	15/24/36/60	15/24/36/60
Initial Failure Rate	<1%	<1%	<1%
Max Tc	85°C	85°C	85°C
Wattage Equivalent to Halogen	50W	50W	50W

*Overheating will shorten the lifetime of the product. Please make sure the surrounding temperature of the product never exceeds max working temperature.