

REFLECTOR ES111 Dimmable

Compatible
Dimmer

-Leading-edge
-Trailing-edge



Intelligent Driver

RA90 LM80 CE  



Article Code	TAR111ADV-12W-XD	TES111ADV-12W-XD
Lamp Description	ADVANCED AR111 12W Dimmable	ADVANCED ES111 12W Dimmable
GENERAL CHARACTERISTICS		
Shape	AR111	ES111
Cap - Base	G53	GU10
Rated Wattage	12 W	12 W
Input Voltage	12 Vac	220-240 Vac
Operating Frequency	50Hz-50KHz	50-60 Hz
Luminous Flux	700 lm/730 lm	680 lm/700 lm/750 lm
Lifetime (hours)	25,000 hrs	25,000 hrs
Switching Cycles	50,000	50,000
Start Time from 0% to 100%	< 0.5 s	< 0.5 s
Power Factor	0.95	0.85
Working Temperature	-20°C ~ 40°C	-20°C ~ 40°C
Guarantee	3 years	3 years
Dimension	W:111mm x H:73mm	W:111mm x H:73mm
LIGHT CHARACTERISTICS		
Color	Warm White	Warm White
Color Temperature	2700 K / 3000 K / 4000 K	2700 K / 3000 K / 4000 K
Color Rendering Index	82	82
Lamp Efficacy	up to 75 lm/W	up to 75 lm/W
Lumen Maintenance Factor	70 %	70 %
Beam Angle	12D / 24D	12D / 24D
Dimming Type	Phase cut dimming	Phase cut Dimming
Color Consistency	5 Step MacAdam Ellipse	5 Step MacAdam Ellipse
Wattage Equivalent to Halogen	75 W	75 W