

LED PREMIUM AR111 REMOTE DRIVER

Delivering a warm, halogen/incandescent like accent beam, Teco's LED PREMIUM AR111 Lamp is an ideal retrofit solution for spot and general lighting applications in the hospitality industry. It is particularly suitable for general lighting where the light is on all the time, such as creative accent lighting applications in shops, restaurants, hotels, and especially for galleries, exhibitions and museums.



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Article Code	TAR111EX-12W-XD	TAR111EX-15W-XD	TAR111EX-18W-XD
Lamp Description	Dimmable AR111 12W External Driver	Dimmable AR111 15W External Driver	Dimmable AR111 18W External Driver
GENERAL CHARACTERISTICS			
Shape	AR111	AR111	AR111
Cap - Base	G53	G53	G53
Rated Wattage	12.0 W	15.0 W	18.0 W
Input Voltage	36Vdc	36Vdc	36Vdc
Input Current	280mA	320mA	400mA
Luminous Flux	800 lm	1000 lm	1250 lm
Lifetime (hours)	25,000 hrs	25,000 hrs	25,000 hrs
Switching Cycles	50,000	50,000	50,000
Start Time from 0% to 100%	< 0.5 s	< 0.5 s	< 0.5 s
Power Factor	NA	NA	NA
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:46mm	W:111mm x H:46mm	W:111mm x H:46mm
LIGHT CHARACTERISTICS			
Color	Warm White	Warm White	Warm White
Color Temperature	2700 K / 3000 K	2700 K / 3000 K	2700 K / 3000 K
Color Rendering Index	Ra90	Ra90	Ra90
Lamp Efficacy	up to 67 lm/W	up to 67 lm/W	up to 70lm/W
Lumen Maintenance Factor	70 %	70 %	70 %
Beam Angle	12D/24D/40D	12D/24D/40D	12D/24D/40D
Color Consistency	3 SDCM	3 SDCM	3 SDCM
Wattage Equivalent to Halogen	75W	100W	100W
POWER SUPPLY CHARACTERISTICS			
Input Voltage	220-240Vac	220-240Vac	220-240Vac
Frequency	50/60Hz	50/60Hz	50/60Hz
Input Current	60mA@230V	76mA@230V	90mA@230V
Output Voltage	36Vdc	36Vdc	36Vdc
Output Current	280mA@230V	280mA@230V	400mA@230V
Power Factor	0.8	0.8	0.8
Lifespan L70/B50	25000hrs	25000hrs	25000hrs
Dimming Technology	Phase-cut dimming	Phase-cut dimming	Phase-cut dimming
Short-cut Protection	YES	YES	YES
Open Circuit Protection	YES	YES	YES
Over Load Protection	YES	YES	YES
Dimension	78x36x29mm	78x36x29mm	78x36x29mm
IP Rating	IP20	IP20	IP20
Working Temp.	-20°C ~40°C	-20°C ~40°C	-20°C ~40°C
Humidity	20-90% RH	20-90% RH	20-90% RH
Weight	100g	100g	100g

