



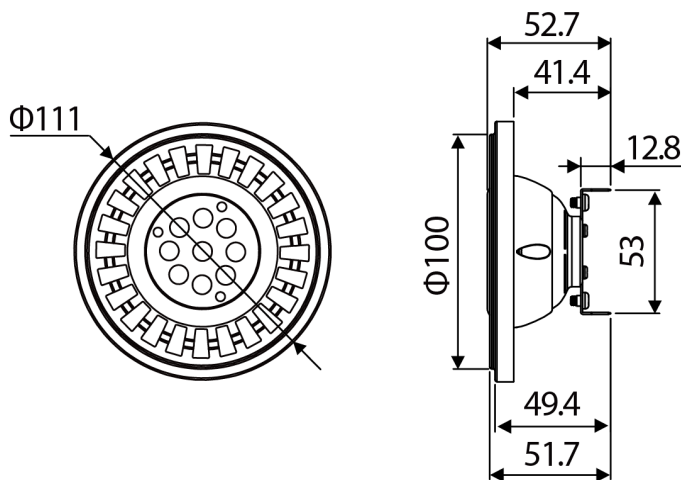
Vega Series
GL-AR111-V2-9 Series
GL-AR111-V2AD-9 Series

Dimming function

Features

- Low weight, 95g, and attractive design
- An easy replacement for older AR111/G53 halogen lamps
- Bright, power saving, eco-friendly LEDs
- Luminous Efficacy of up to 86 lumens/watt
- Efficiency and good thermal design reduces heat
- Very long 30,000 hour life
- RoHS compliant, No Mercury, No IR or UV light radiation
- Extremely durable and robust
- 2 year manufacturer's warranty

Outline / Dimension



UNIT : mm



Specifications

AR111-V2-9

Type	GL-AR111-V2-9-WW	GL-AR111-V2-9-CW
Energy Used	10 W	
Rated Life	30,000 Hours	
Input Voltage	12V AC/DC	
CCT (Color)	2700K	5700K
Luminous Flux	640 lm	860 lm
System Efficacy	64 lm/W	86 lm/W
CRI	80	70
Base	G53	
Dimension	Ø 111 x 52.7mm	
Beam Angle	28°	
Net Weight	95 g	

AR111-V2AN-9 (non-Dimmable)

Type	GL-AR111-V2AN-9-WW	GL-AR111-V2AN-9-CW
Energy Used	10 W	
Rated Life	30,000 Hours	
Input Voltage	100-240V AC	
CCT (Color)	2700K	5700K
Luminous Flux	640 lm	860 lm
System Efficacy	64 lm/W	86 lm/W
CRI	80	70
Base	G53	
Dimension	Ø 111 x 52.7mm	
Beam Angle	28°	
Net Weight	200 g(with driver)	
Bundled Driver	GP-HS10P-36C1 (Driver Output : Constant Current 270mA, 36V)	

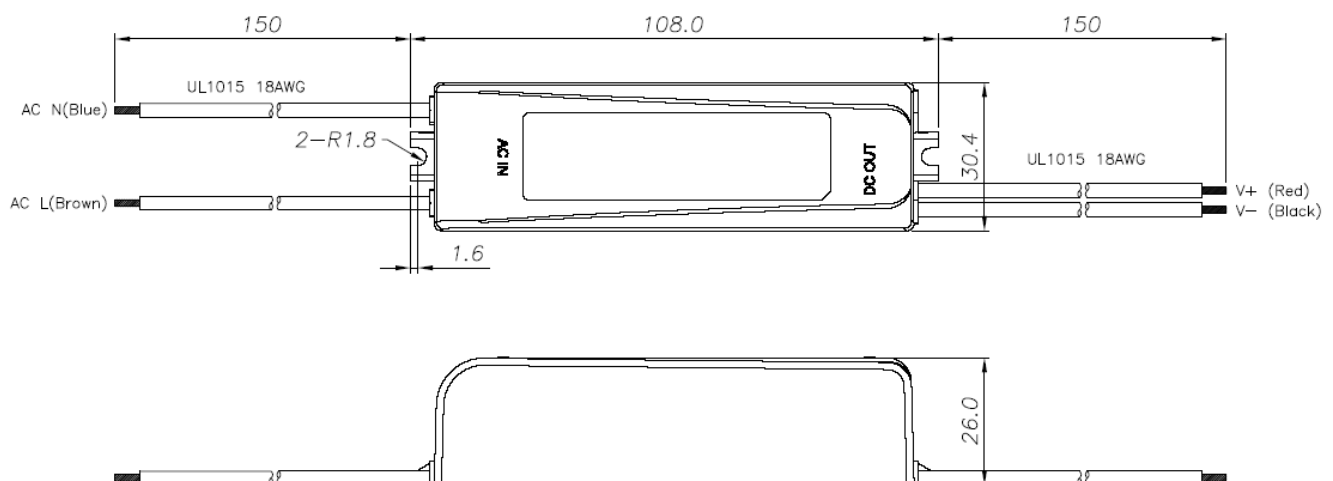
AR111-V2ADx -9 (AC-TRIAC Dimmable)

Type	GL-AR111-V2ADL-9-WW GL-AR111-V2ADH-9-WW	GL-AR111-V2ADL-9-CW GL-AR111-V2ADH-9-CW
Energy Used	10 W	
Rated Life	30,000 Hours	
Input Voltage	100-120V AC (GL-AR111-V2ADL-9) 200-240V AC (GL-AR111-V2ADH-9)	
Power Factor (PF)	0.92 at 120V AC, 0.8 at 240V AC	
CCT (Color)	2700K	5700K
Luminous Flux (lm)	640 lm	860 lm
System Efficacy	64 lm/W	86 lm/W
CRI	80	70
Base	G53	
Dimension	Ø 111 x 52.7 mm	
Beam Angle	28°	
Net Weight	200g (with driver)	
Bundled Driver	GP-TS10P-30L1(for AC-TRIAC 100-120V AC) GP-TS10P-30H1(for AC-TRIAC 200-240V AC)	

LED Driver Dimensions

Non-Dimmable: **GP-HS10P-36C1**

Dimmable: **GP-TS10P-30L1** or **GP-TS10P-30H1**

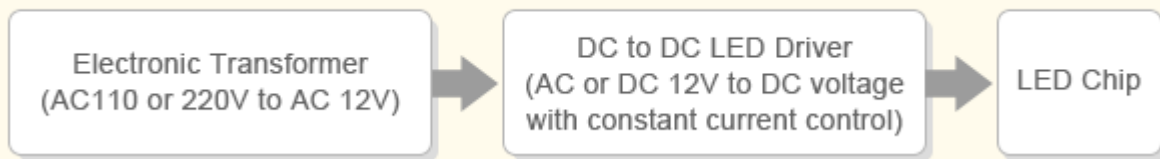


The advantages of the DC-to-DC LED driver in the traditional approach

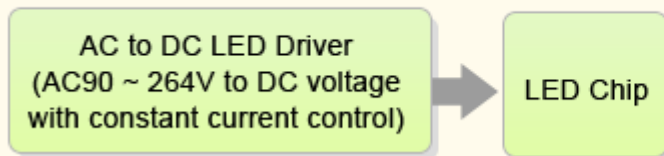
1. Having high compatibility with more than 90% of AC electronic transformers available in the market.
2. Allowing an input voltage 12VAC/DC from an AC electronic transformer, an AC source or a DC source.
3. Keeping the output current nearly constant.
4. Using Japanese capacitors to prolong lifespan.

The advantages of bundling AR111 LED luminaries with the GlacialPower AC-to-DC LED driver

Traditional

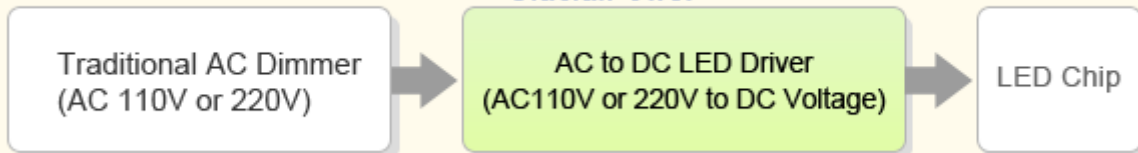


GlacialPower



1. The AC-to-DC LED driver can accommodate a universal AC input voltage range 90~264Vac.
2. High efficiency and high reliability benefit from the one-stage power conversion.
3. No compatibility issue is caused and the LED lifetime prolonged by eliminating the need for the AC electronic transformer and the DC-to-DC LED driver in the lighting system.
4. Accredited with the IP67 ingress protection against dust and water, the HS10P and TS10P series can put up with harsh environments.
5. The AC-to-DC LED drivers also comply with the IEC61347 safety standard, go with Power Factor Correction (PFC) function and can work with traditional AC dimmers.
6. Having no drivers in the LED luminaire can reduce the temperature, improve the brightness and prolong the lifetime.

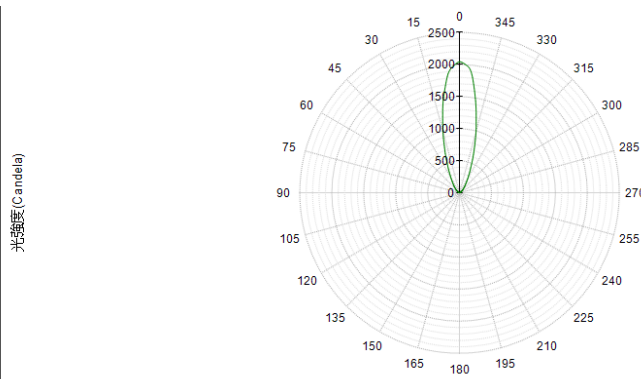
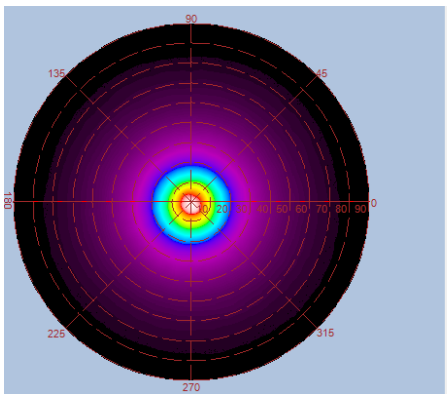
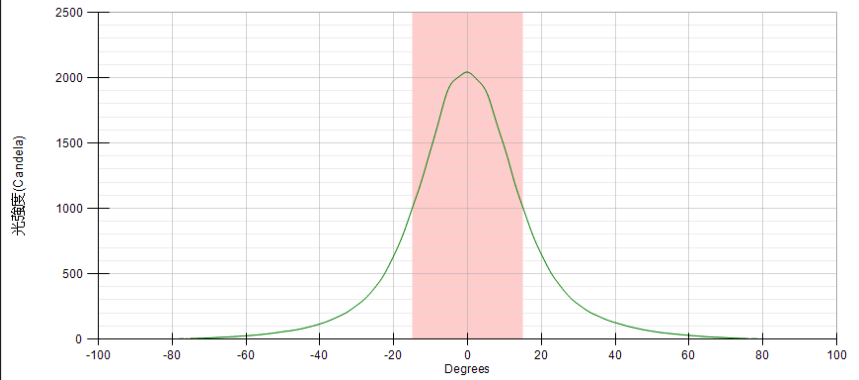
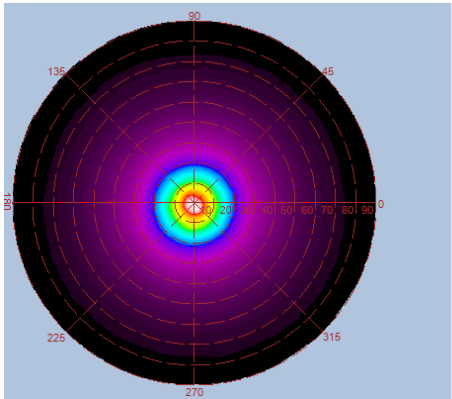
GlacialPower



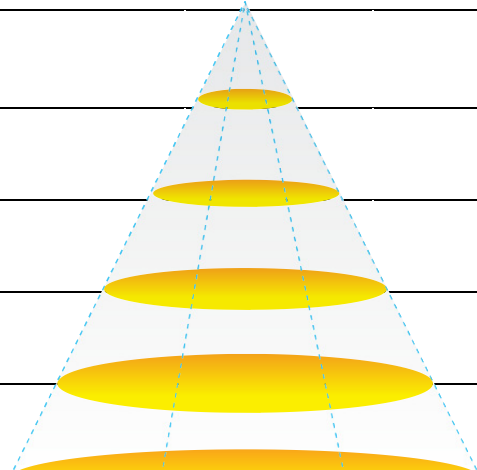
LED	DRIVER
AR111-V2AN-9 with no driver in built	GP-HS10P-36C1
AR111-V2AD-9 with no driver in built	GP-TS10P-30L1 or GP-TS10P-30H1(AC-TRIAC Dimmable)

Luminous Intensity Distribution Diagram

GL-AR111-V2-9-CW / CCT : 5700K

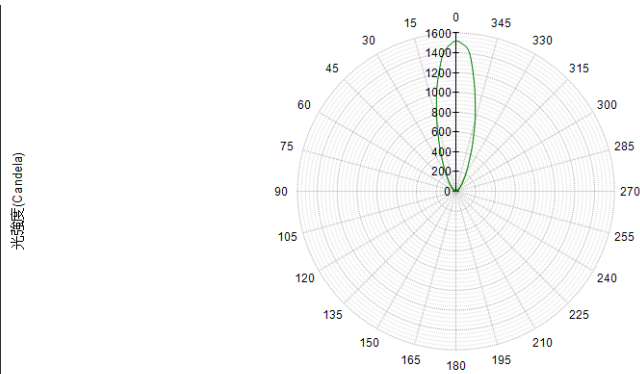
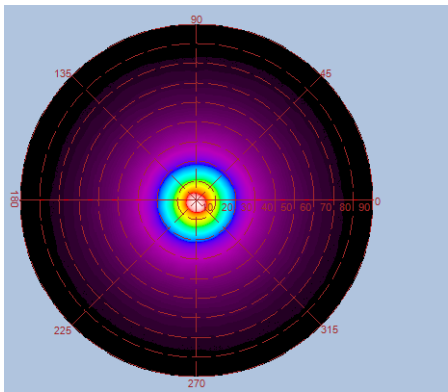
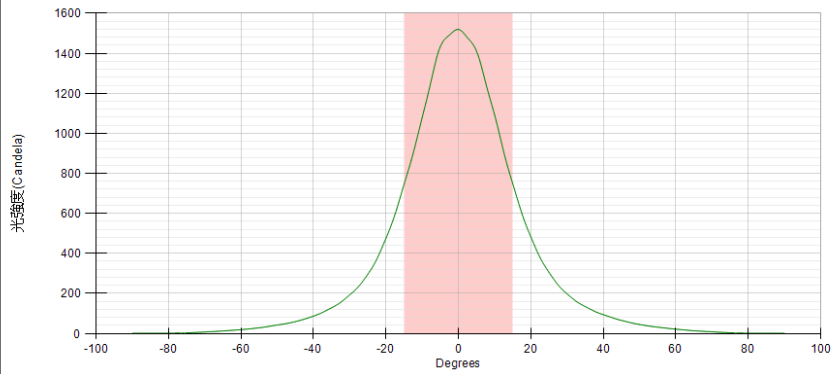
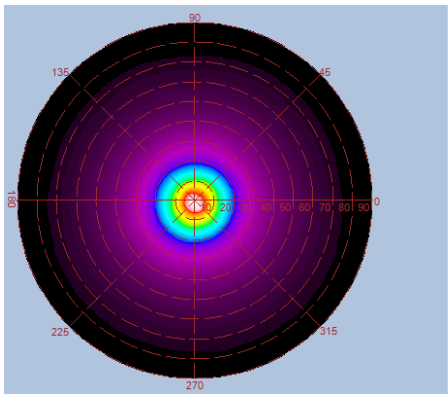


Height	E Max.	Diameter
1.0M	2314 Lx	53cm
2.0M	578 Lx	106cm
3.0M	257 Lx	159cm
4.0M	145 Lx	212cm
5.0M	93 Lx	265cm



Luminous Intensity Distribution Diagram

GL-AR111-V2-9-WW / CCT : 2700K



Height	E Max.	Diameter
1.0M	1722 Lx	53cm
2.0M	431 Lx	106cm
3.0M	191 Lx	159cm
4.0M	108 Lx	212cm
5.0M	69 Lx	265cm

